

# The Role of Confidence in Knowledge Ascriptions

Francis & Beaman

## Experimental Materials


### Two check questions:

In this experiment, you will read several scenarios and then be asked to respond to different statements about those scenarios.

So, for example, consider the following scenario:

*You have a fair coin, with heads on one side and tails on the other, that you flip into the air and catch on the back of your hand without looking at it.*

Please indicate whether you agree or disagree with the following statement about the scenario:

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree	
	1	2	3	4	5	6	7
<b>You know the coin landed heads.</b>							

You have a fair coin, with heads on one side and tails on the other, that you flip into the air and catch on the back of your hand without looking at it.

Please indicate whether you **agree** or **disagree** with the following description of the scenario:

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Disagree	Strongly disagree	
	1	2	3	4	5	6	7

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You don't know that the coin landed heads.



## Scenarios:

### Start of Block: Know\_Para\_Low

Megan, a paramedic, has just been called to an accident involving a collision between two cars. Megan is driving an ambulance carrying her team of paramedics to the scene of the accident. Megan is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Megan is told that there is one person at the scene of the accident with a broken arm, which is not life-threatening. If Megan makes a wrong turn on the way to the accident, the injured person will be inconvenienced, but nothing terrible will happen. Megan thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

### End of Block: Know\_Para\_Low

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### Start of Block: Know\_Para\_Low\_ES&PC

Megan, a paramedic, has just been called to an accident involving a collision between two cars. Megan is driving an ambulance carrying her team of paramedics to the scene of the accident. Megan is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Megan is told that there is one person at the scene of the accident with a broken arm, which is not life-threatening. If Megan makes a wrong turn on the way to the accident, the injured person will be inconvenienced, but nothing terrible will happen. Megan thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

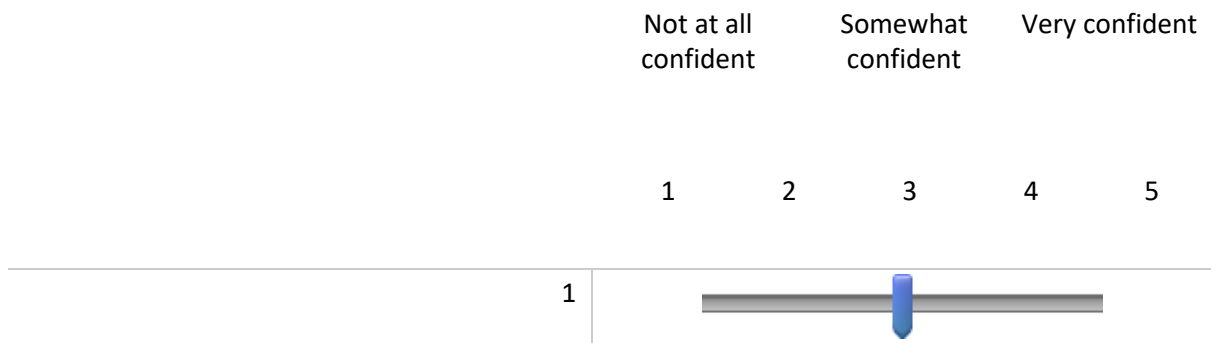
What is the minimum number of times Megan needs to check her GPS before she knows that she will make it to the accident without taking a wrong turn?

(enter a whole number: 1, 2, 3... etc. If you think Megan knows without having to check, write "0". If you think Megan will never know no matter how many times she checks, write "never")

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How confident are **you** that Megan needs to check a minimum of that many times in order to **know** that she will make it to the accident without taking a wrong turn?

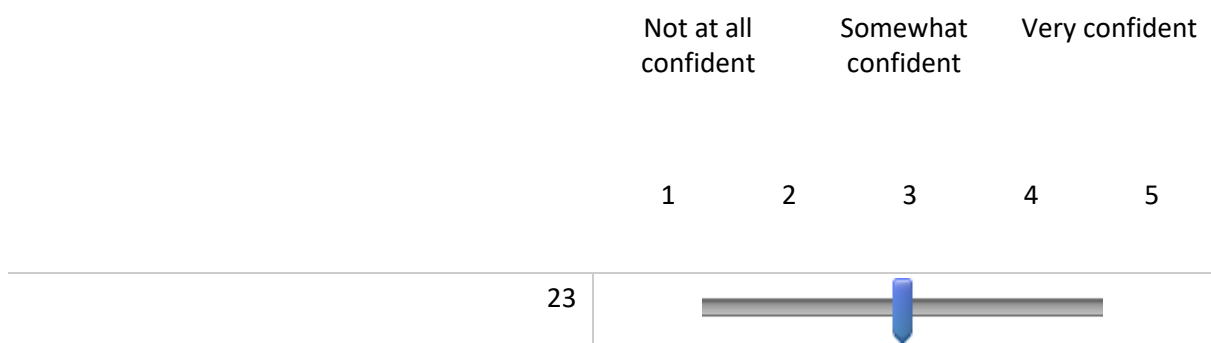


End of Block: Know\_Para\_Low\_ES&PC

Start of Block: Know\_Para\_Low\_SC

Megan, a paramedic, has just been called to an accident involving a collision between two cars. Megan is driving an ambulance carrying her team of paramedics to the scene of the accident. Megan is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Megan is told that there is one person at the scene of the accident with a broken arm, which is not life-threatening. If Megan makes a wrong turn on the way to the accident, the injured person will be inconvenienced, but nothing terrible will happen. Megan thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

How confident is **Megan** that she will make it to the accident without taking a wrong turn?



End of Block: Know\_Para\_Low\_SC

Start of Block: Know\_Vacc\_High

Julie is a medical researcher. Her task is to create a vaccine for a virus. Julie has done this before, and she has a check list that specifies all of the steps she needs to take to make the vaccine. Julie is following all of the steps correctly. Julie's assistant has informed her that there are 100 human research participants who have volunteered to trial the vaccine before it is distributed more widely. If Julie does not follow the steps correctly, it will produce a deadly combination that when administered to the 100 research participants, will kill them all after several days of excruciating pain. Julie thinks to herself, "I am completely confident that I am following all the steps correctly".

End of Block: Know\_Vacc\_High

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Start of Block: Know\_Vacc\_High\_ES&PC

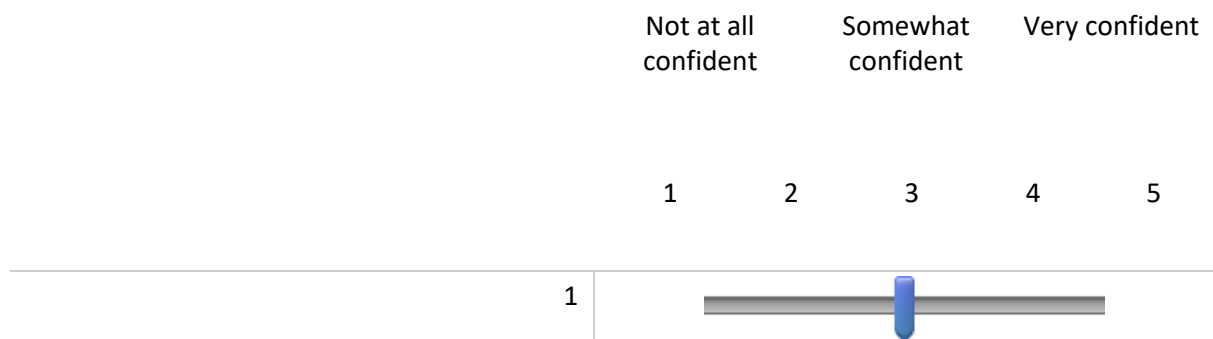
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What is the minimum number of times Julie needs to consult her check list before she knows that she is making the vaccine correctly?

(enter a whole number: 1, 2, 3... etc. If you think Julie knows without having to consult her check list, write "0". If you think Julie will never know no matter how many times she consults her check list, write "never")

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How confident are **you** that Julie needs to check a minimum of that many times in order to **know** that she is making the vaccine correctly?



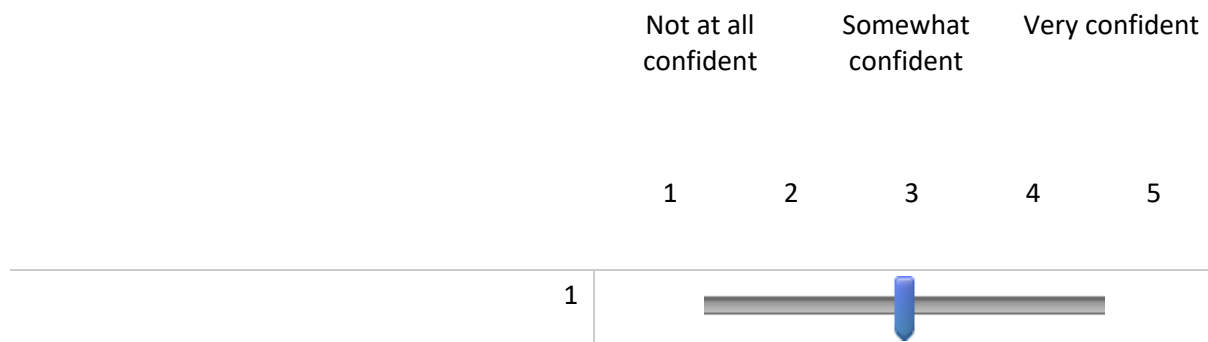
End of Block: Know\_Vacc\_High\_ES&PC

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Start of Block: Know\_Vacc\_High\_SC

Julie is a medical researcher. Her task is to create a vaccine for a virus. Julie has done this before, and she has a check list that specifies all of the steps she needs to take to make the vaccine. Julie is following all of the steps correctly. Julie’s assistant has informed her that there are 100 human research participants who have volunteered to trial the vaccine before it is distributed more widely. If Julie does not follow the steps correctly, it will produce a deadly combination that when administered to the 100 research participants, will kill them all after several days of excruciating pain. Julie thinks to herself, "I am completely confident that I am following all the steps correctly".

How confident is **Julie** that she is making the vaccine correctly?



End of Block: Know\_Vacc\_High\_SC

Start of Block: Know\_Game\_High

Tracy is taking part in a game show that involves answering general knowledge trivia questions. The game show host has asked Tracy, "What is the capital of Tanzania?". Tracy has recently read a list of the most obscure world capitals and the city "Dodoma" pops into her head. In fact, Tracy is right: the capital of Tanzania is Dodoma. As this is the final round of the game show, \$1,000,000 is at stake: answering this question correctly will result in Tracy winning \$1,000,000 and answering incorrectly will result in her losing \$1,000,000. Tracy thinks to herself, "I am completely confident that the capital of Tanzania is Dodoma".

End of Block: Know\_Game\_High

Start of Block: Know\_Game\_High\_ES&PC

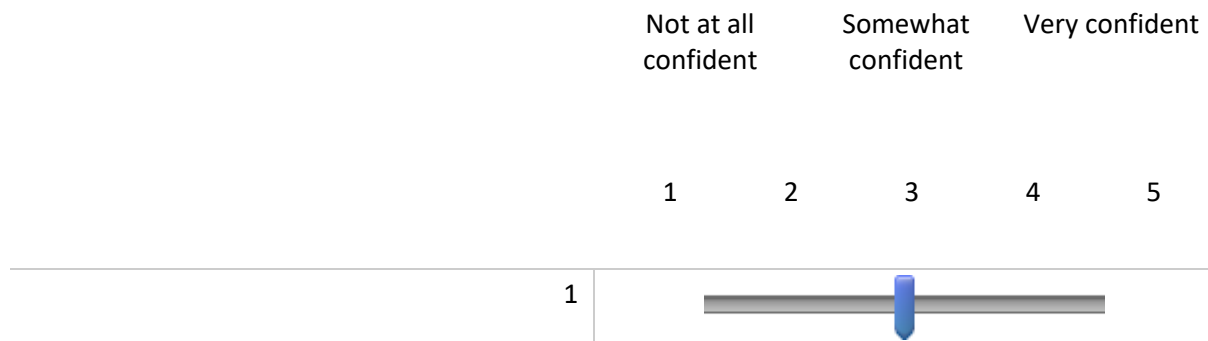
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What is the minimum number of seconds Tracy needs to think about her answer before she knows that the capital of Tanzania is Dodoma?

(enter a whole number: 1, 2, 3... etc. If you think Tracy knows that the capital of Tanzania is Dodoma without having to think about her answer, write "0". If you think Tracy will never know no matter how long she thinks about her answer, write "never")

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How confident are **you** that Tracy needs to think a minimum of that many seconds in order to **know** that the capital of Tanzania is Dodoma?

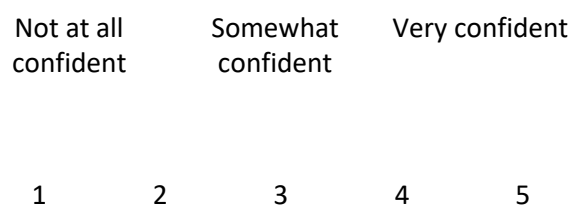


End of Block: Know\_Game\_High\_ES&PC

Start of Block: Know\_Game\_High\_SC

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How confident is **Tracy** that the capital of Tanzania is Dodoma?





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End of Block: Know\_Game\_High\_SC

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Start of Block: Know\_Mountain\_Low

Josephine is leading a mountain climbing expedition in the Alps with a novice climber. Josephine has tied a rope securely to the other climber, in order to protect him from falls as they move up the mountain together. Visibility is reducing, making the climb increasingly dangerous, because it is becoming harder to see the edge of the mountain trail that they are following. The drop on either side of the trail edge is around 5 feet. If not tied together securely, a slip from this height would result in minor injuries (a minor fracture, for example) to the climber who slips, but if the rope is tied securely, no one will be injured from a slip. Josephine thinks to herself, "I am completely confident that I have tied the rope securely".

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End of Block: Know\_Mountain\_Low

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Start of Block: Know\_Mountain\_Low\_ES&PC

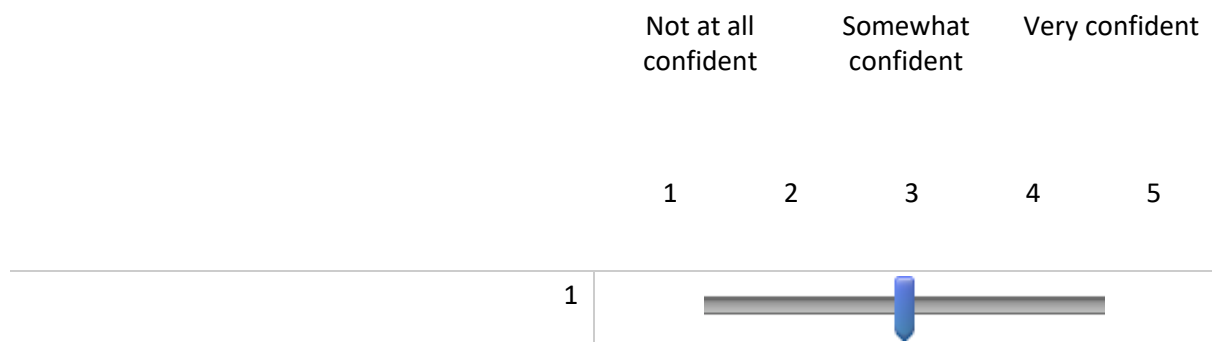
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What is the minimum number of times Josephine needs to check the rope before she knows that it is tied securely?

(enter a whole number: 1, 2, 3... etc. If you think Josephine knows without having to check, write "0". If you think Josephine will never know no matter how many times she checks, write "never")

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How confident are **you** that Josephine needs to check a minimum of that many times in order to **know** that the rope is tied securely?

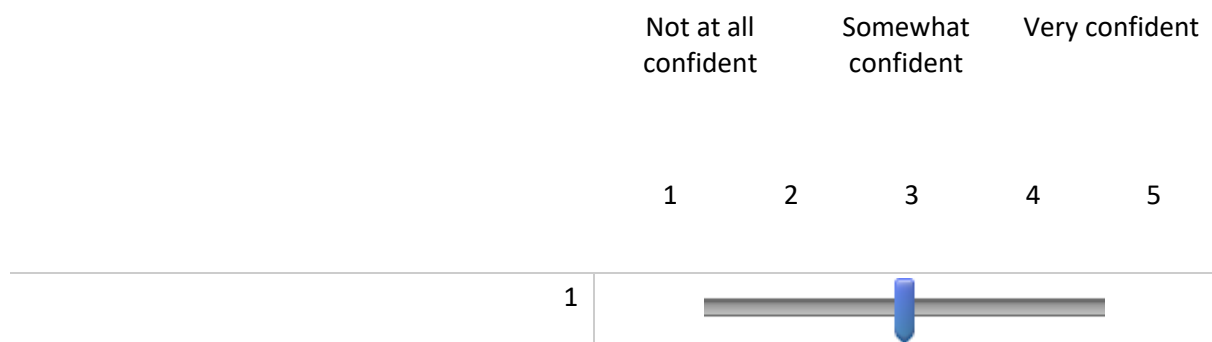


End of Block: Know\_Mountain\_Low\_ES&PC

Start of Block: Know\_Mountain\_Low\_SC

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How confident is **Josephine** that the rope is tied securely?



End of Block: Know\_Mountain\_Low\_SC

Start of Block: Know\_Intro\_Low

Siena teaches at a university and has been asked to introduce a guest speaker to her colleagues over lunch. There are 5 colleagues present at lunch. Siena wrote down the speaker's name—"Dr. Woodbridge"—in her notebook earlier in the day. But if Siena introduces the guest speaker by the

wrong name, she will feel slightly embarrassed in front of her colleagues. Siena thinks to herself, "I am completely confident that the guest speaker's name is Dr. Woodbridge".

End of Block: Know\_Intro\_Low

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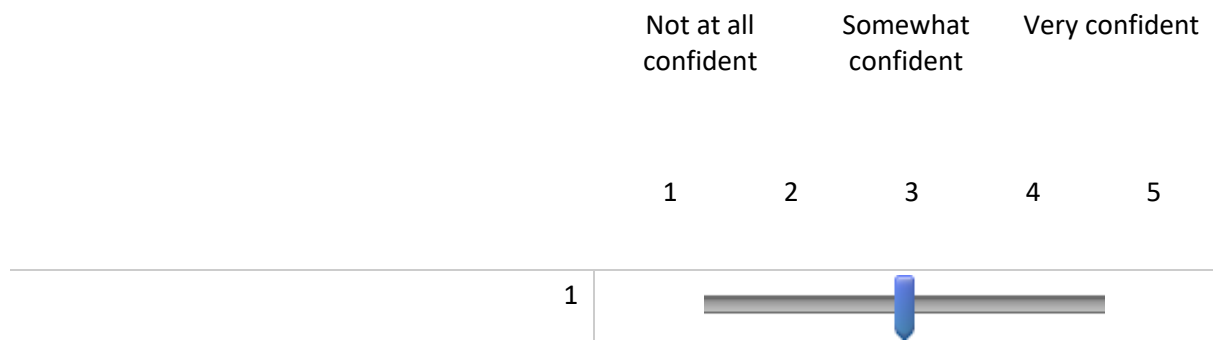
Start of Block: Know\_Intro\_Low\_ES&PC

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(enter a whole number: 1, 2, 3... etc. If you think Siena knows without having to check, write "0". If you think Siena will never know no matter how many times she checks, write "never")

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How confident are **you** that Siena needs to check a minimum of that many times in order to **know** that the guest speaker's name is "Dr. Woodbridge" when she introduces them?



End of Block: Know\_Intro\_Low\_ES&PC

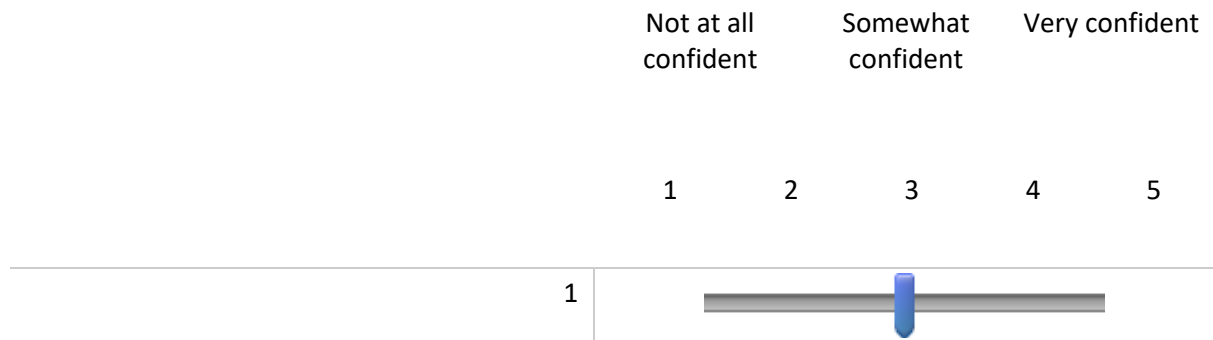
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Start of Block: Know\_Intro\_Low\_SC

Siena teaches at a university and has been asked to introduce a guest speaker to her colleagues over lunch. There are 5 colleagues present at lunch. Siena wrote down the speaker's name—"Dr. Woodbridge"—in her notebook earlier in the day. But if Siena introduces the guest speaker by the

wrong name, she will feel slightly embarrassed in front of her colleagues. Siena thinks to herself, "I am completely confident that the guest speaker's name is Dr. Woodbridge".

How confident is **Siena** that the guest speaker's name is "Dr. Woodbridge" when she introduces them?



End of Block: Know\_Intro\_Low\_SC

Start of Block: Know\_PVal\_High

Kylie is living in an area where there have been a series of fires set by arsonists recently. Only a functioning sprinkler system can stop a fire set by an arsonist. A week ago, Kylie checked that the sprinklers were working in her nursery room, where her baby sleeps. If the sprinklers do not work, everything in the room, including her baby, is at risk from arson. But the sprinklers in the room are fully functioning. Kylie thinks to herself, "I am completely confident that the sprinklers are working in the nursery room".

End of Block: Know\_PVal\_High

Start of Block: Know\_PVal\_High\_ES&PC

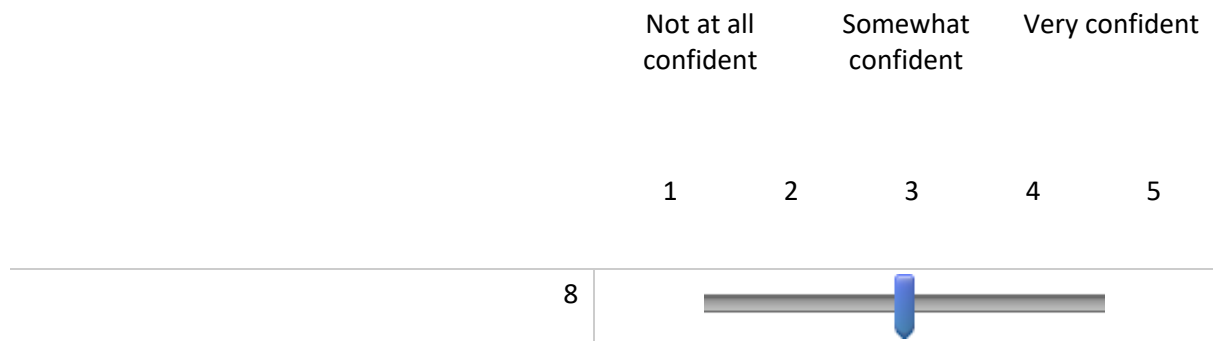
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What is the minimum number of times Kylie needs to check the sprinklers before she knows that they are working in the nursery room?

(enter a whole number: 1, 2, 3... etc. If you think Kylie knows without having to check, write "0". If you think Kylie will never know no matter how many times she checks, write "never")

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How confident are **you** that Kylie needs to check a minimum of that many times in order to **know** that the sprinklers are working in the nursery room?

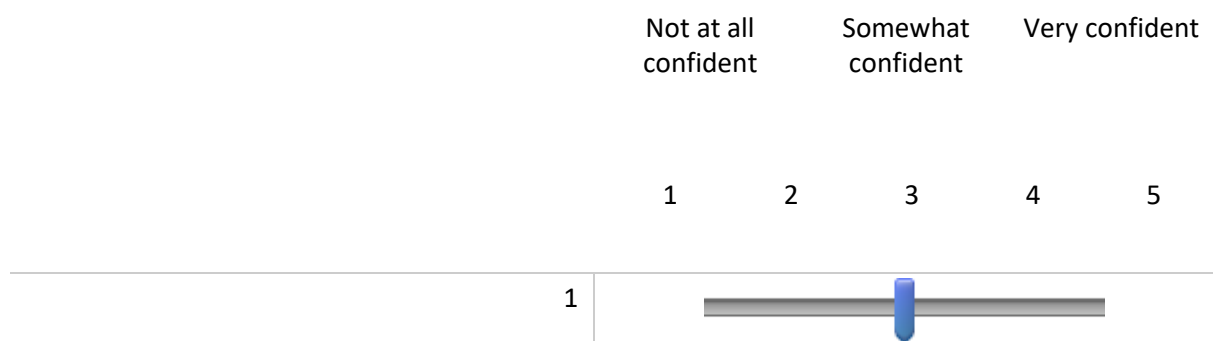


End of Block: Know\_PVal\_High\_ES&PC

Start of Block: Know\_PVal\_High\_SC

Kylie is living in an area where there have been a series of fires set by arsonists recently. Only a functioning sprinkler system can stop a fire set by an arsonist. A week ago, Kylie checked that the sprinklers were working in her nursery room, where her baby sleeps. If the sprinklers do not work, everything in the room, including her baby, is at risk from arson. But the sprinklers in the room are fully functioning. Kylie thinks to herself, "I am completely confident that the sprinklers are working in the nursery room".

How confident is **Kylie** that the sprinklers are working in the nursery room?



End of Block: Know\_PVal\_High\_SC

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Start of Block: Know\_Para\_High

Ottoline, a paramedic, has just been called to an accident involving a collision between several vehicles, including buses and trucks. Ottoline is driving an ambulance carrying her team of paramedics to the scene of the accident. Ottoline is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Ottoline is told that one of the trucks was carrying flammable fuel and several vehicles, including a school bus carrying 50 children, are on fire. If Ottoline makes a wrong turn on the way to the accident, she will be too late and the children will die. Ottoline thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

End of Block: Know\_Para\_High

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Start of Block: Know\_Para\_High\_ES&PC

Ottoline, a paramedic, has just been called to an accident involving a collision between several vehicles, including buses and trucks. Ottoline is driving an ambulance carrying her team of paramedics to the scene of the accident. Ottoline is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Ottoline is told that one of the trucks was carrying flammable fuel and several vehicles, including a school bus carrying 50 children, are on fire. If Ottoline makes a wrong turn on the way to the accident, she will be too late and the children will die. Ottoline thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

What is the minimum number of times Ottoline needs to check her GPS before she knows that she will make it to the accident without taking a wrong turn?

(enter a whole number: 1, 2, 3... etc. If you think Ottoline knows without having to consult her check list, write "0". If you think Ottoline will never know no matter how many times she consults her check list, write "never")

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How confident are **you** that Ottoline needs to check a minimum of that many times in order to **know** that she will make it to the accident without taking a wrong turn?

Not at all confident	Somewhat confident	Very confident
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1	2	3	4	5
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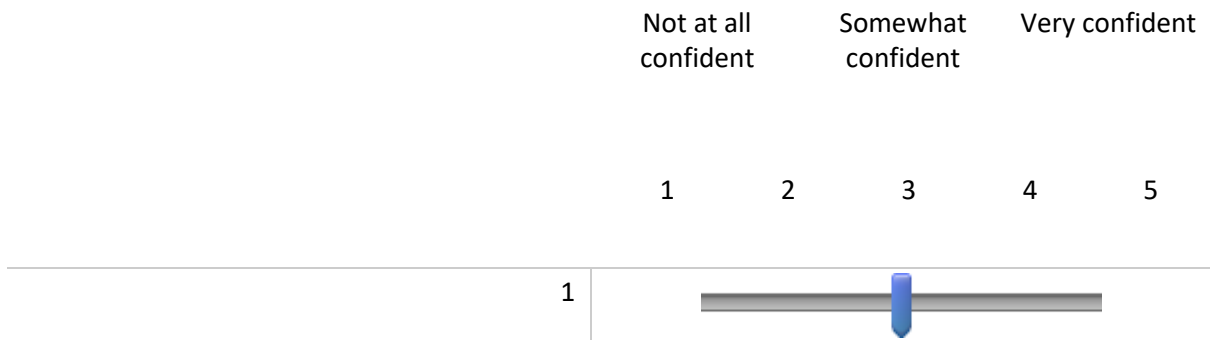


End of Block: Know\_Para\_High\_ES&PC

Start of Block: Know\_Para\_High\_SC

Ottoline, a paramedic, has just been called to an accident involving a collision between several vehicles, including buses and trucks. Ottoline is driving an ambulance carrying her team of paramedics to the scene of the accident. Ottoline is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Ottoline is told that one of the trucks was carrying flammable fuel and several vehicles, including a school bus carrying 50 children, are on fire. If Ottoline makes a wrong turn on the way to the accident, she will be too late and the children will die. Ottoline thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

How confident is **Ottoline** that she will make it to the accident without taking a wrong turn?



End of Block: Know\_Para\_High\_SC

Start of Block: Know\_Vacc\_Low

Elaine is a medical researcher. Her task is to create a vaccine for a virus. Elaine has done this before, and she has a check list that specifies all of the steps she needs to take to make the vaccine. Elaine is following all of the steps correctly. Elaine's assistant has informed her that there is one human research participant who has volunteered to trial the vaccine before it is distributed more widely. If Elaine does not follow the steps correctly, it will produce an ineffective combination that when administered to the research participant will give them mild cold-like symptoms. Elaine thinks to herself, "I am completely confident that I am following all the steps correctly".

End of Block: Know\_Vacc\_Low

Start of Block: Know\_Vacc\_Low\_ES&PC

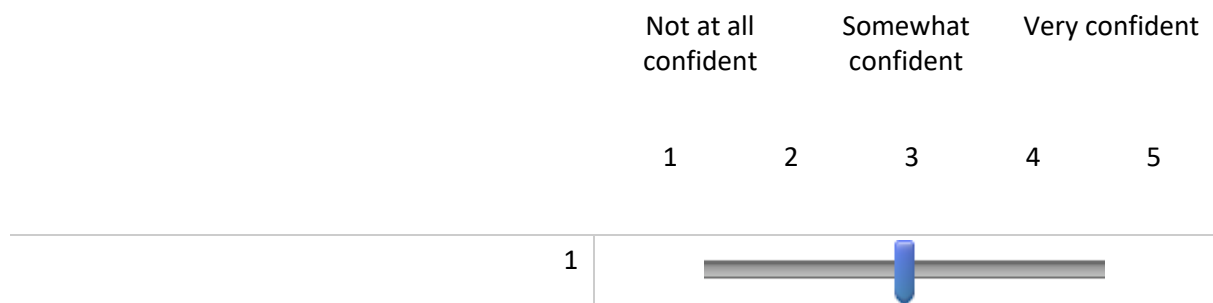
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What is the minimum number of times Elaine needs to consult her check list before she knows that she is making the vaccine correctly?

(enter a whole number: 1, 2, 3... etc. If you think Elaine knows without having to check, write "0". If you think Elaine will never know no matter how many times she checks, write "never")

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How confident are **you** that Elaine needs to check a minimum of that many times in order to **know** that she is making the vaccine correctly?

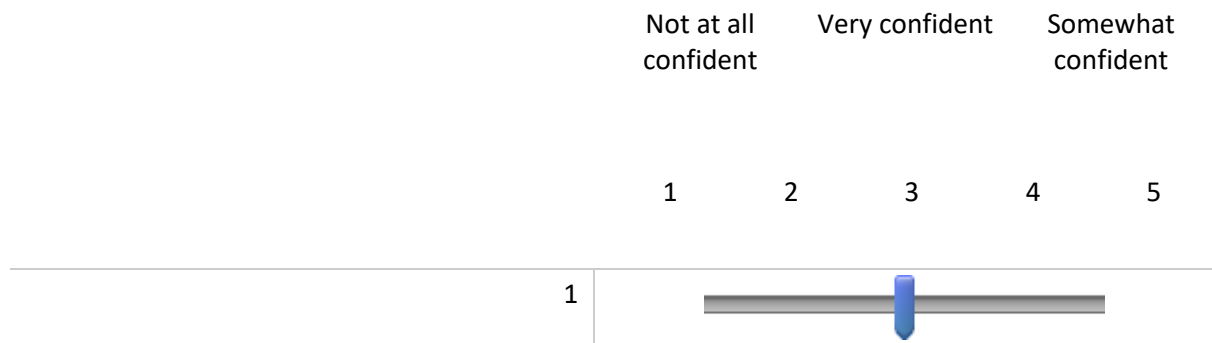


End of Block: Know\_Vacc\_Low\_ES&PC

Start of Block: Know\_Vacc\_Low\_SC

Elaine is a medical researcher. Her task is to create a vaccine for a virus. Elaine has done this before, and she has a check list that specifies all of the steps she needs to take to make the vaccine. Elaine is following all of the steps correctly. Elaine's assistant has informed her that there is one human research participant who has volunteered to trial the vaccine before it is distributed more widely. If Elaine does not follow the steps correctly, it will produce an ineffective combination that when administered to the research participant will give them mild cold-like symptoms. Elaine thinks to herself, "I am completely confident that I am following all the steps correctly".

How confident is **Elaine** that she is making the vaccine correctly?



End of Block: Know\_Vacc\_Low\_SC

Start of Block: Know\_Mountain\_High

Laura is leading a mountain climbing expedition in the Alps with a novice climber. Laura has tied a rope securely to the other climber, in order to protect him from falls as they move up the mountain together. Visibility is reducing, making the climb increasingly dangerous, because it is becoming harder to see the edge of the mountain trail that they are following. The drop on either side of the trail edge is around 1,000 feet. A fall from this height would be fatal to the climber who slips, but if the rope is tied securely, no one will be injured from a slip. Laura thinks to herself, "I am completely confident that I have tied the rope securely".

End of Block: Know\_Mountain\_High

Start of Block: Know\_Mountain\_High\_ES&PC

Laura is leading a mountain climbing expedition in the Alps with a novice climber. Laura has tied a rope securely to the other climber, in order to protect him from falls as they move up the mountain together. Visibility is reducing, making the climb increasingly dangerous, because it is becoming harder to see the edge of the mountain trail that they are following. The drop on either side of the trail edge is around 1,000 feet. A fall from this height would be fatal to the climber who slips, but if the rope is tied securely, no one will be injured from a slip. Laura thinks to herself, "I am completely confident that I have tied the rope securely".

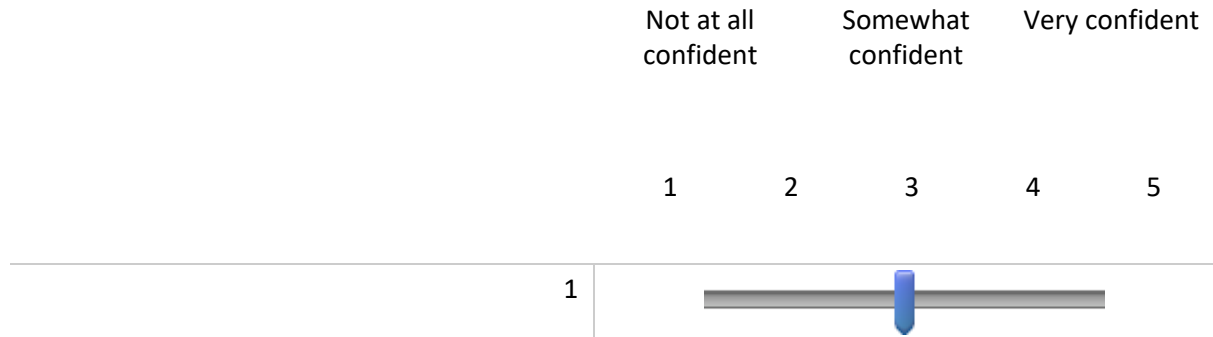
What is the **minimum** number of times Laura needs to check the rope before she **knows** that it is tied securely?

(enter a whole number: 1, 2, 3... etc. If you think Laura knows without having to check, write "0". If you think Laura will never know no matter how many times she checks, write "never")

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How confident are **you** that Laura needs to check a minimum of that many times in order to **know** that the rope is tied securely?



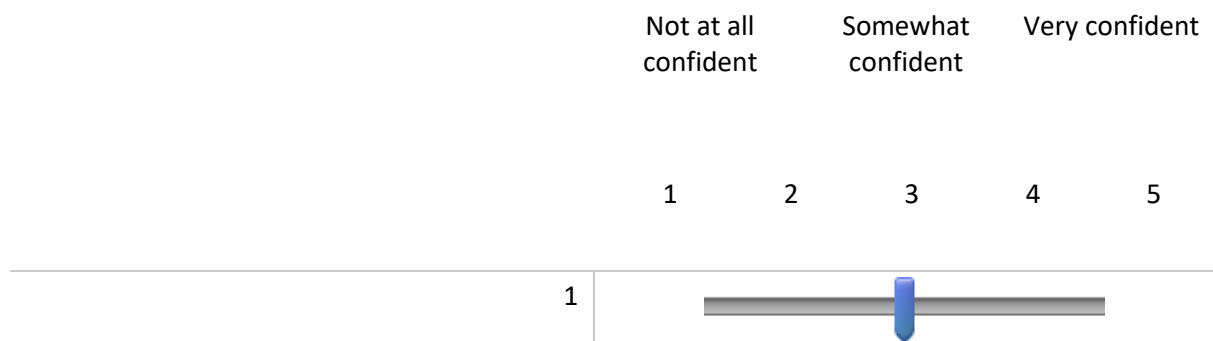
End of Block: Know\_Mountain\_High\_ES&PC

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Start of Block: Know\_Mountain\_High\_SC

Laura is leading a mountain climbing expedition in the Alps with a novice climber. Laura has tied a rope securely to the other climber, in order to protect him from falls as they move up the mountain together. Visibility is reducing, making the climb increasingly dangerous, because it is becoming harder to see the edge of the mountain trail that they are following. The drop on either side of the trail edge is around 1,000 feet. A fall from this height would be fatal to the climber who slips, but if the rope is tied securely, no one will be injured from a slip. Laura thinks to herself, "I am completely confident that I have tied the rope securely".

How confident is **Laura** that the rope is tied securely?



End of Block: Know\_Mountain\_High\_SC

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Start of Block: Know\_Game\_Low

Emma is taking part in a game show that involves answering general knowledge trivia questions. The game show host has asked Emma, "What is the capital of Tanzania?". Emma has recently read a list of the most obscure world capitals and the city "Dodoma" pops into her head. In fact, Emma is right: the capital of Tanzania is Dodoma. As this is the first round of the game show, only \$1 is at stake: answering this question correctly will result in Emma winning \$1, and answering incorrectly will result in her losing \$1. Emma thinks to herself, "I am completely confident that the capital of Tanzania is Dodoma".

End of Block: Know\_Game\_Low

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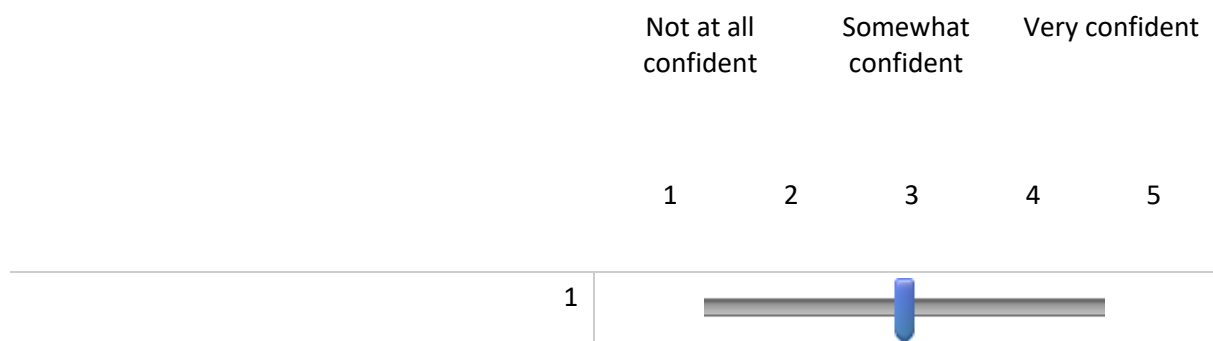
Start of Block: Know\_Game\_Low\_ES&PC

Emma is taking part in a game show that involves answering general knowledge trivia questions. The game show host has asked Emma, "What is the capital of Tanzania?". Emma has recently read a list of the most obscure world capitals and the city "Dodoma" pops into her head. In fact, Emma is right: the capital of Tanzania is Dodoma. As this is the first round of the game show, only \$1 is at stake: answering this question correctly will result in Emma winning \$1, and answering incorrectly will result in her losing \$1. Emma thinks to herself, "I am completely confident that the capital of Tanzania is Dodoma". What is the **minimum** number of seconds Emma needs to think about her answer before she **knows** that the capital of Tanzania is Dodoma?

(enter a whole number: 1, 2, 3... etc. If you think Emma knows that the capital of Tanzania is Dodoma without having to think about her answer, write "0". If you think Emma will never know no matter how long she thinks about her answer, write "never")

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How confident are **you** that Emma needs to think a minimum of that many seconds in order to **know** that the capital of Tanzania is Dodoma?



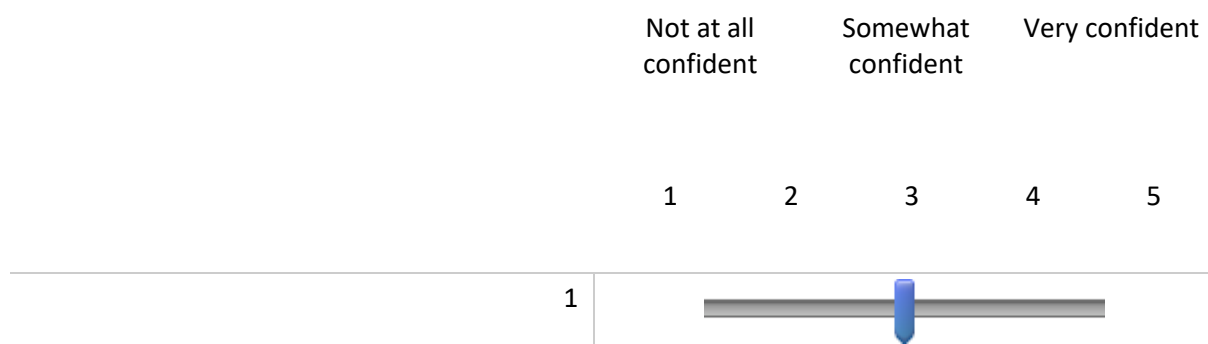
End of Block: Know\_Game\_Low\_ES&PC

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Start of Block: Know\_Game\_Low\_SC

Emma is taking part in a game show that involves answering general knowledge trivia questions. The game show host has asked Emma, "What is the capital of Tanzania?". Emma has recently read a list of the most obscure world capitals and the city "Dodoma" pops into her head. In fact, Emma is right: the capital of Tanzania is Dodoma. As this is the first round of the game show, only \$1 is at stake: answering this question correctly will result in Emma winning \$1, and answering incorrectly will result in her losing \$1. Emma thinks to herself, "I am completely confident that the capital of Tanzania is Dodoma".

How confident is **Emma** that the capital of Tanzania is Dodoma?



End of Block: Know\_Game\_Low\_SC

Start of Block: Know\_Intro\_High

Nicole teaches at a university and has been asked to introduce a guest speaker on national television as part of a live interview. The interview will be viewed live by thousands of people. Nicole wrote down the speaker's name—"Dr. Woodbridge"—in her notebook earlier in the day. If Nicole introduces the guest speaker by the wrong name, she will feel very embarrassed in front of a live television audience and it will reflect very badly on her professional capabilities and on her university's reputation. Nicole thinks to herself, "I am completely confident that the guest speaker's name is Dr. Woodbridge".

End of Block: Know\_Intro\_High

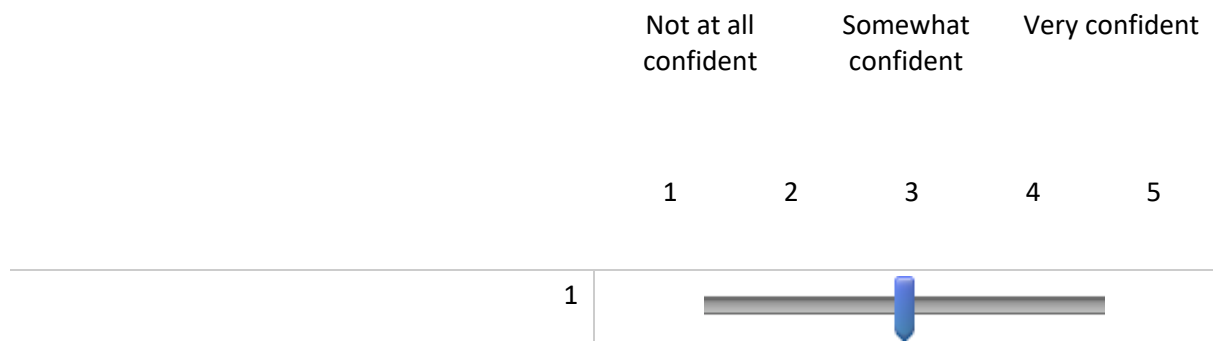
Start of Block: Know\_Intro\_High\_ES&PC

Nicole teaches at a university and has been asked to introduce a guest speaker on national television as part of a live interview. The interview will be viewed live by thousands of people. Nicole wrote down the speaker's name—"Dr. Woodbridge"—in her notebook earlier in the day. If Nicole introduces the guest speaker by the wrong name, she will feel very embarrassed in front of a live television audience and it will reflect very badly on her professional capabilities and on her university's reputation. Nicole thinks to herself, "I am completely confident that the guest speaker's name is Dr. Woodbridge". What is the **minimum** number of times Nicole needs to check her

notebook before she **knows** that the guest speaker's name is "Dr. Woodbridge" when she introduces them? (enter a whole number: 1, 2, 3... etc. If you think Nicole knows without having to check, write "0". If you think Nicole will never know no matter how many times she checks, write "never")

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How confident are **you** that Nicole needs to check a minimum of that many times in order to **know** that the guest speaker's name is "Dr. Woodbridge" when she introduces them?



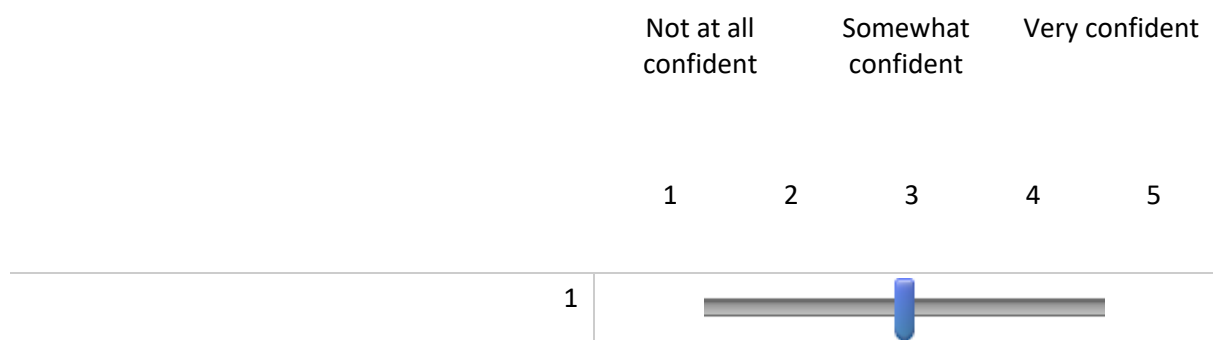
End of Block: Know\_Intro\_High\_ES&PC

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Start of Block: Know\_Intro\_High\_SC

Nicole teaches at a university and has been asked to introduce a guest speaker on national television as part of a live interview. The interview will be viewed live by thousands of people. Nicole wrote down the speaker's name—"Dr. Woodbridge"—in her notebook earlier in the day. If Nicole introduces the guest speaker by the wrong name, she will feel very embarrassed in front of a live television audience and it will reflect very badly on her professional capabilities and on her university's reputation. Nicole thinks to herself, "I am completely confident that the guest speaker's name is Dr. Woodbridge".

How confident is **Nicole** that the guest speaker's name is "Dr. Woodbridge" when she introduces them?



End of Block: Know\_Intro\_High\_SC

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Start of Block: Know\_PVal\_Low

Natalie is living in an area where there have been a series of fires set by arsonists recently. Only a functioning sprinkler system can stop a fire set by an arsonist. A week ago, Natalie checked that the sprinklers were working in her storage room, which contains her garbage and recycling. If the sprinklers do not work, everything in the room is at risk from arson. But the sprinklers in the room are fully functioning. Natalie thinks to herself, "I am completely confident that the sprinklers are working in the storage room".

End of Block: Know\_PVal\_Low

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Start of Block: Know\_PVal\_Low\_ES&PC

Natalie is living in an area where there have been a series of fires set by arsonists recently. Only a functioning sprinkler system can stop a fire set by an arsonist. A week ago, Natalie checked that the sprinklers were working in her storage room, which contains her garbage and recycling. If the sprinklers do not work, everything in the room is at risk from arson. But the sprinklers in the room are fully functioning. Natalie thinks to herself, "I am completely confident that the sprinklers are working in the storage room".

What is the **minimum** number of times Natalie needs to check the sprinklers before she **knows** that they are working in the storage room?

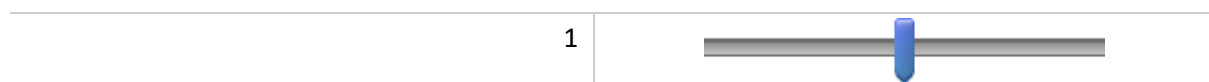
(enter a whole number: 1, 2, 3... etc. If you think Natalie knows without having to check, write "0". If you think Natalie will never know no matter how many times she checks, write "never")

---

How confident are **you** that Natalie needs to check a minimum of that many times in order to **know** that the sprinklers they are working in the storage room?

Not at all confident      Somewhat confident      Very confident

1      2      3      4      5



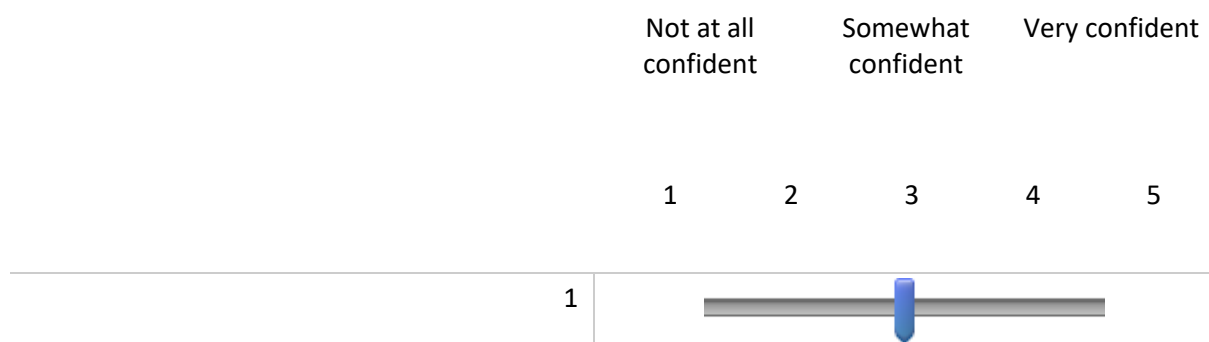
End of Block: Know\_PVal\_Low\_ES&PC

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Start of Block: Know\_PVal\_Low\_SC

Natalie is living in an area where there have been a series of fires set by arsonists recently. Only a functioning sprinkler system can stop a fire set by an arsonist. A week ago, Natalie checked that the sprinklers were working in her storage room, which contains her garbage and recycling. If the sprinklers do not work, everything in the room is at risk from arson. But the sprinklers in the room are fully functioning. Natalie thinks to herself, "I am completely confident that the sprinklers are working in the storage room".

How confident is **Natalie** that the sprinklers they are working in the storage room?



End of Block: Know\_PVal\_Low\_SC

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Start of Block: DKnow\_Para\_Low

Megan, a paramedic, has just been called to an accident involving a collision between two cars. Megan is driving an ambulance carrying her team of paramedics to the scene of the accident. Megan is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Megan is told that there is one person at the scene of the accident with a broken arm, which is not life-threatening. If Megan makes a wrong turn on the way to the accident, the injured person will be inconvenienced, but nothing terrible will happen. Megan thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

End of Block: DKnow\_Para\_Low

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Start of Block: DKnow\_Para\_Low\_ES&PC

Megan, a paramedic, has just been called to an accident involving a collision between two cars. Megan is driving an ambulance carrying her team of paramedics to the scene of the accident. Megan is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Megan is told that there is

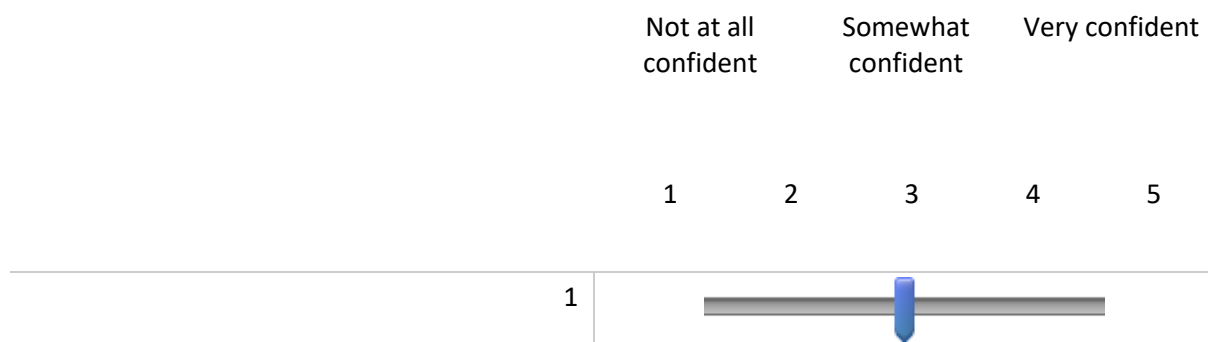
one person at the scene of the accident with a broken arm, which is not life-threatening. If Megan makes a wrong turn on the way to the accident, the injured person will be inconvenienced, but nothing terrible will happen. Megan thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

What is the **maximum** number of times Megan can check her GPS and **not know** that she will make it to the accident without taking a wrong turn?

(enter a whole number: 1, 2, 3... etc. If you think Megan knows without having to check, write "0". If you think Megan will never know no matter how many times she checks, write "never")

---

How confident are **you** that Megan can check a maximum of that many times and **not know** that she will make it to the accident without taking a wrong turn?

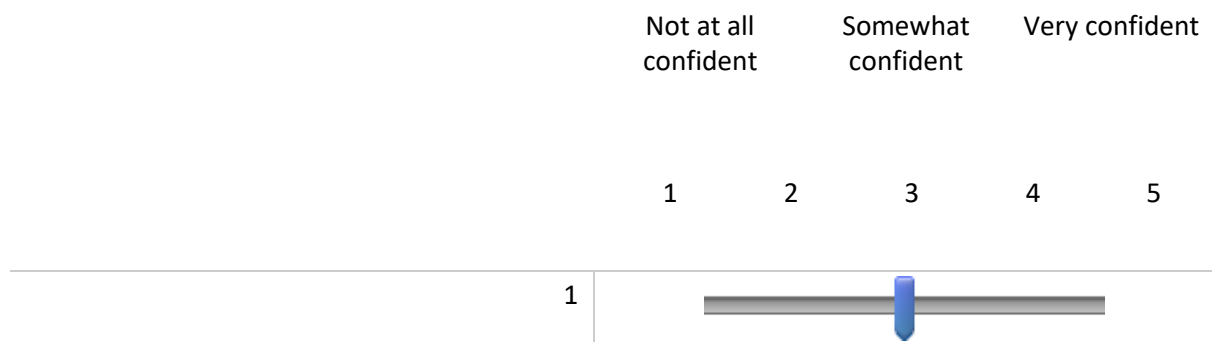


End of Block: DKnow\_Para\_Low\_ES&PC

Start of Block: DKnow\_Para\_Low\_SC

Megan, a paramedic, has just been called to an accident involving a collision between two cars. Megan is driving an ambulance carrying her team of paramedics to the scene of the accident. Megan is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Megan is told that there is one person at the scene of the accident with a broken arm, which is not life-threatening. If Megan makes a wrong turn on the way to the accident, the injured person will be inconvenienced, but nothing terrible will happen. Megan thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

How confident is **Megan** that she will make it to the accident without taking a wrong turn?



End of Block: DKnow\_Para\_Low\_SC

Start of Block: DKnow\_Vacc\_High

Julie is a medical researcher. Her task is to create a vaccine for a virus. Julie has done this before, and she has a check list that specifies all of the steps she needs to take to make the vaccine. Julie is following all of the steps correctly. Julie's assistant has informed her that there are 100 human research participants who have volunteered to trial the vaccine before it is distributed more widely. If Julie does not follow the steps correctly, it will produce a deadly combination that when administered to the 100 research participants, will kill them all after several days of excruciating pain. Julie thinks to herself, "I am completely confident that I am following all the steps correctly".

End of Block: DKnow\_Vacc\_High

Start of Block: DKnow\_Vacc\_High\_ES&PC

Julie is a medical researcher. Her task is to create a vaccine for a virus. Julie has done this before, and she has a check list that specifies all of the steps she needs to take to make the vaccine. Julie is following all of the steps correctly. Julie's assistant has informed her that there are 100 human research participants who have volunteered to trial the vaccine before it is distributed more widely. If Julie does not follow the steps correctly, it will produce a deadly combination that when administered to the 100 research participants, will kill them all after several days of excruciating pain. Julie thinks to herself, "I am completely confident that I am following all the steps correctly".

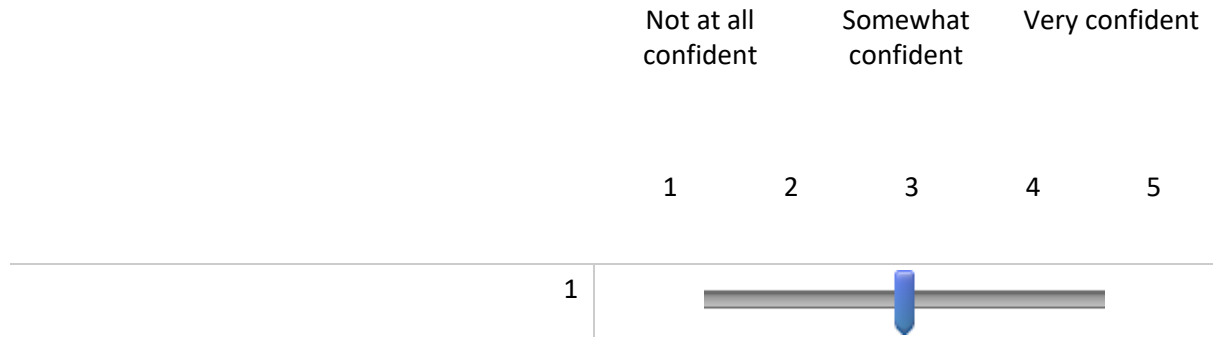
What is the **maximum** number of times Julie can consult her check list and not **know** that she is making the vaccine correctly?

(enter a whole number: 1, 2, 3... etc. If you think Julie knows without having to check, write "0". If you think Julie will never know no matter how many times she consults her check list, write "never")

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How confident are **you** that Julie can check a maximum of that many times and **not know** that she is making the vaccine correctly?

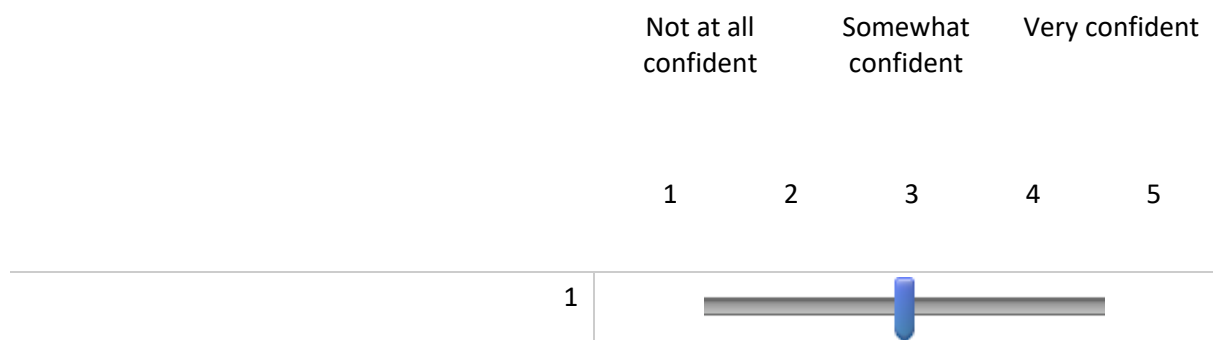


End of Block: DKnow\_Vacc\_High\_ES&PC

Start of Block: DKnow\_Vacc\_High\_SC

Julie is a medical researcher. Her task is to create a vaccine for a virus. Julie has done this before, and she has a check list that specifies all of the steps she needs to take to make the vaccine. Julie is following all of the steps correctly. Julie's assistant has informed her that there are 100 human research participants who have volunteered to trial the vaccine before it is distributed more widely. If Julie does not follow the steps correctly, it will produce a deadly combination that when administered to the 100 research participants, will kill them all after several days of excruciating pain. Julie thinks to herself, "I am completely confident that I am following all the steps correctly".

How confident is **Julie** that she is making the vaccine correctly?



End of Block: DKnow\_Vacc\_High\_SC

Start of Block: DKnow\_Mountain\_Low

Josephine is leading a mountain climbing expedition in the Alps with a novice climber. Josephine has tied a rope securely to the other climber, in order to protect him from falls as they move up the mountain together. Visibility is reducing, making the climb increasingly dangerous, because it is becoming harder to see the edge of the mountain trail that they are following. The drop on either side of the trail edge is around 5 feet. If not tied together securely, a slip from this height would result in minor injuries (a minor fracture, for example) to the climber who slips, but if the rope is tied securely, no one will be injured from a slip. Josephine thinks to herself, "I am completely confident that I have tied the rope securely".

End of Block: DKnow\_Mountain\_Low

Start of Block: DKnow\_Mountain\_Low\_ES&PC

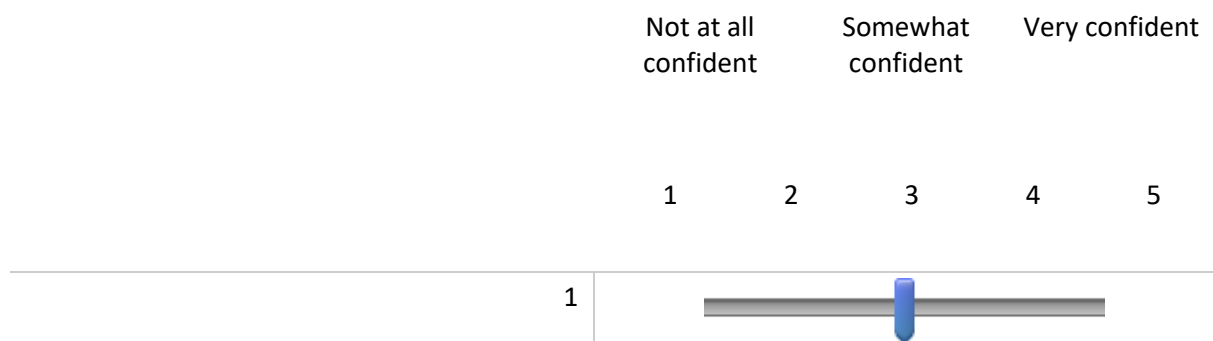
Josephine is leading a mountain climbing expedition in the Alps with a novice climber. Josephine has tied a rope securely to the other climber, in order to protect him from falls as they move up the mountain together. Visibility is reducing, making the climb increasingly dangerous, because it is becoming harder to see the edge of the mountain trail that they are following. The drop on either side of the trail edge is around 5 feet. If not tied together securely, a slip from this height would result in minor injuries (a minor fracture, for example) to the climber who slips, but if the rope is tied securely, no one will be injured from a slip. Josephine thinks to herself, "I am completely confident that I have tied the rope securely".

What is the **maximum** number of times Josephine can check the rope and not **know** that it is tied securely?

(enter a whole number: 1, 2, 3... etc. If you think Josephine knows without having to check, write "0". If you think Josephine will never know no matter how many times she checks, write "never")

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How confident are **you** that Josephine can check a maximum of that many times and **not know** that the rope is tied securely?



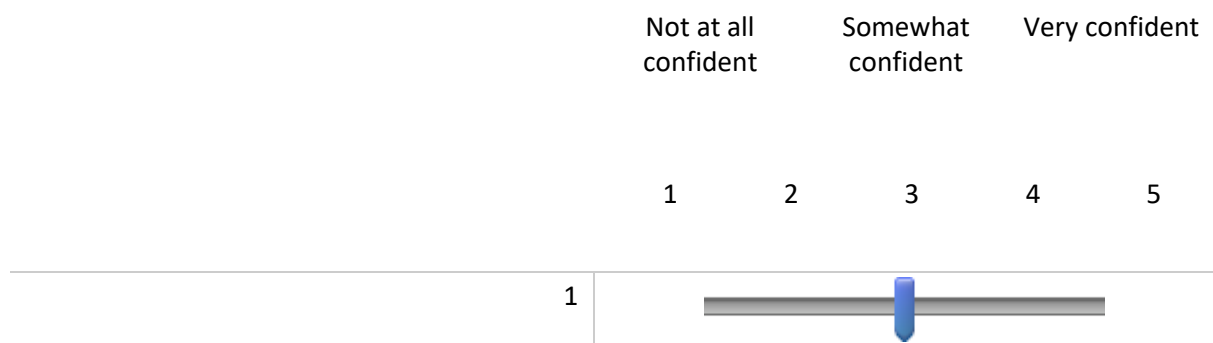
End of Block: DKnow\_Mountain\_Low\_ES&PC

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Start of Block: DKnow\_Mountain\_Low\_SC

Josephine is leading a mountain climbing expedition in the Alps with a novice climber. Josephine has tied a rope securely to the other climber, in order to protect him from falls as they move up the mountain together. Visibility is reducing, making the climb increasingly dangerous, because it is becoming harder to see the edge of the mountain trail that they are following. The drop on either side of the trail edge is around 5 feet. If not tied together securely, a slip from this height would result in minor injuries (a minor fracture, for example) to the climber who slips, but if the rope is tied securely, no one will be injured from a slip. Josephine thinks to herself, "I am completely confident that I have tied the rope securely".

How confident is **Josephine** that the rope is tied securely?



End of Block: DKnow\_Mountain\_Low\_SC

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Start of Block: DKnow\_Game\_High

Tracy is taking part in a game show that involves answering general knowledge trivia questions. The game show host has asked Tracy, "What is the capital of Tanzania?". Tracy has recently read a list of the most obscure world capitals and the city "Dodoma" pops into her head. In fact, Tracy is right: the capital of Tanzania is Dodoma. As this is the final round of the game show, \$1,000,000 is at stake: answering this question correctly will result in Tracy winning \$1,000,000 and answering incorrectly will result in her losing \$1,000,000. Tracy thinks to herself, "I am completely confident that the capital of Tanzania is Dodoma".

End of Block: DKnow\_Game\_High

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Start of Block: DKnow\_Game\_High\_ES&PC

Tracy is taking part in a game show that involves answering general knowledge trivia questions. The game show host has asked Tracy, "What is the capital of Tanzania?". Tracy has recently read a list of the most obscure world capitals and the city "Dodoma" pops into her head. In fact, Tracy is right: the capital of Tanzania is Dodoma. As this is the final round of the game show, \$1,000,000 is at stake: answering this question correctly will result in Tracy winning \$1,000,000 and answering incorrectly

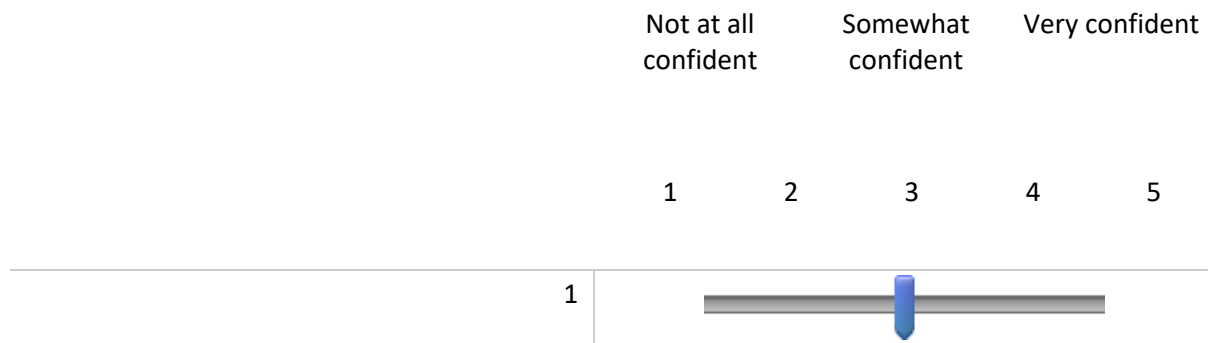
will result in her losing \$1,000,000. Tracy thinks to herself, "I am completely confident that the capital of Tanzania is Dodoma".

What is the **maximum** number of seconds Tracy can think about her answer and **not know** that the capital of Tanzania is Dodoma?

(enter a whole number: 1, 2, 3... etc. If you think Tracy knows without having to think about her answer, write "0". If you think Tracy will never know no matter how long she thinks about her answer, write "never")

---

How confident are **you** that Tracy can think a maximum of that many seconds and **not know** that the capital of Tanzania is Dodoma?



End of Block: DKnow\_Game\_High\_ES&PC

Start of Block: DKnow\_Game\_High\_SC

Tracy is taking part in a game show that involves answering general knowledge trivia questions. The game show host has asked Tracy, "What is the capital of Tanzania?". Tracy has recently read a list of the most obscure world capitals and the city "Dodoma" pops into her head. In fact, Tracy is right: the capital of Tanzania is Dodoma. As this is the final round of the game show, \$1,000,000 is at stake: answering this question correctly will result in Tracy winning \$1,000,000 and answering incorrectly will result in her losing \$1,000,000. Tracy thinks to herself, "I am completely confident that the capital of Tanzania is Dodoma".

How confident is **Tracy** that the capital of Tanzania is Dodoma?

Not at all confident	Somewhat confident	Very confident
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1            2            3            4            5



End of Block: DKnow\_Game\_High\_SC

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Start of Block: DKnow\_Intro\_Low

Siena teaches at a university and has been asked to introduce a guest speaker to her colleagues over lunch. There are 5 colleagues present at lunch. Siena wrote down the speaker's name—"Dr. Woodbridge"— in her notebook earlier in the day. But if Siena introduces the guest speaker by the wrong name, she will feel slightly embarrassed in front of her colleagues. Siena thinks to herself, "I am completely confident that the guest speaker's name is Dr. Woodbridge".

End of Block: DKnow\_Intro\_Low

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Start of Block: DKnow\_Intro\_Low\_ES&PC

Siena teaches at a university and has been asked to introduce a guest speaker to her colleagues over lunch. There are 5 colleagues present at lunch. Siena wrote down the speaker's name—"Dr. Woodbridge"— in her notebook earlier in the day. But if Siena introduces the guest speaker by the wrong name, she will feel slightly embarrassed in front of her colleagues. Siena thinks to herself, "I am completely confident that the guest speaker's name is Dr. Woodbridge". What is the **maximum** number of times Siena can check her notebook and **not know** that the guest speaker's name is "Dr. Woodbridge" when she introduces them?

(enter a whole number: 1, 2, 3... etc. If you think Siena knows without having to check, write "0". If you think Siena will never know no matter how many times she checks, write "never")

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How confident are **you** that Siena can check a maximum of that many times and **not know** that the guest speaker's name is "Dr. Woodbridge" when she introduces them?

Not at all confident	Somewhat confident	Very confident
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1            2            3            4            5

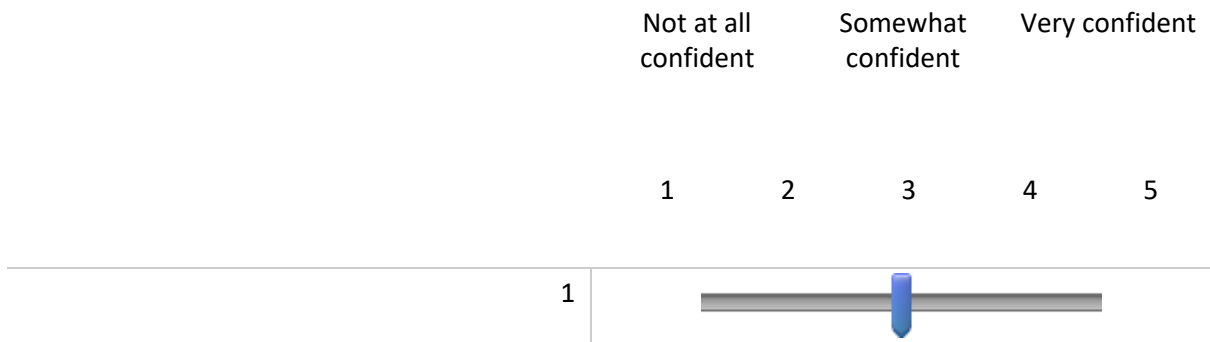


End of Block: DKnow\_Intro\_Low\_ES&PC

Start of Block: DKnow\_Intro\_Low\_SC

Siena teaches at a university and has been asked to introduce a guest speaker to her colleagues over lunch. There are 5 colleagues present at lunch. Siena wrote down the speaker's name—"Dr. Woodbridge"— in her notebook earlier in the day. But if Siena introduces the guest speaker by the wrong name, she will feel slightly embarrassed in front of her colleagues. Siena thinks to herself, "I am completely confident that the guest speaker's name is Dr. Woodbridge".

How confident is **Siena** that the guest speaker's name is "Dr. Woodbridge" when she introduces them?



End of Block: DKnow\_Intro\_Low\_SC

Start of Block: DKnow\_PVal\_High

Kylie is living in an area where there have been a series of fires set by arsonists recently. Only a functioning sprinkler system can stop a fire set by an arsonist. A week ago, Kylie checked that the sprinklers were working in her nursery room, where her baby sleeps. If the sprinklers do not work, everything in the room, including her baby, is at risk from arson. But the sprinklers in the room are fully functioning. Kylie thinks to herself, "I am completely confident that the sprinklers are working in the nursery room".

End of Block: DKnow\_PVal\_High

Start of Block: DKnow\_PVal\_High\_ES&PC

Kylie is living in an area where there have been a series of fires set by arsonists recently. Only a functioning sprinkler system can stop a fire set by an arsonist. A week ago, Kylie checked that the sprinklers were working in her nursery room, where her baby sleeps. If the sprinklers do not work, everything in the room, including her baby, is at risk from arson. But the sprinklers in the room are fully functioning. Kylie thinks to herself, "I am completely confident that the sprinklers are working in the nursery room".

What is the **maximum** number of times Kylie can check the sprinklers and not **know** that they are working in the nursery room?

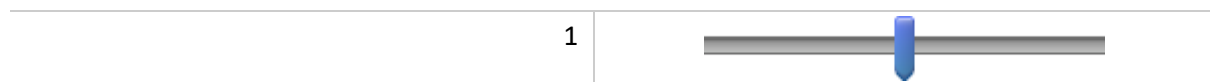
(enter a whole number: 1, 2, 3... etc. If you think Kylie knows without having to check, write "0". If you think Kylie will never know no matter how many times she checks, write "never")

---

How confident are **you** that Kylie can check a maximum of that many times and **not know** that the sprinklers are working in the nursery room?

Not at all confident      Somewhat confident      Very confident

1      2      3      4      5

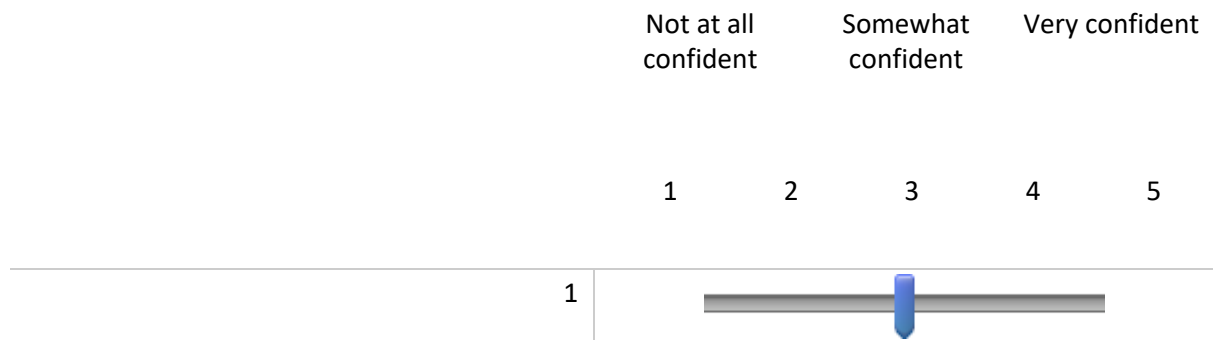


End of Block: DKnow\_PVal\_High\_ES&PC

Start of Block: DKnow\_PVal\_High\_SC

Kylie is living in an area where there have been a series of fires set by arsonists recently. Only a functioning sprinkler system can stop a fire set by an arsonist. A week ago, Kylie checked that the sprinklers were working in her nursery room, where her baby sleeps. If the sprinklers do not work, everything in the room, including her baby, is at risk from arson. But the sprinklers in the room are fully functioning. Kylie thinks to herself, "I am completely confident that the sprinklers are working in the nursery room".

How confident is **Kylie** that the sprinklers are working in the nursery room?



End of Block: DKnow\_PVal\_High\_SC

Start of Block: DKnow\_Para\_High

Ottoline, a paramedic, has just been called to an accident involving a collision between several vehicles, including buses and trucks. Ottoline is driving an ambulance carrying her team of paramedics to the scene of the accident. Ottoline is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Ottoline is told that one of the trucks was carrying flammable fuel and several vehicles, including a school bus carrying 50 children, are on fire. If Ottoline makes a wrong turn on the way to the accident, she will be too late and the children will die. Ottoline thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

End of Block: DKnow\_Para\_High

Start of Block: DKnow\_Para\_High\_ES&PC

Ottoline, a paramedic, has just been called to an accident involving a collision between several vehicles, including buses and trucks. Ottoline is driving an ambulance carrying her team of paramedics to the scene of the accident. Ottoline is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Ottoline is told that one of the trucks was carrying flammable fuel and several vehicles, including a school bus carrying 50 children, are on fire. If Ottoline makes a wrong turn on the way to the accident, she will be too late and the children will die. Ottoline thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

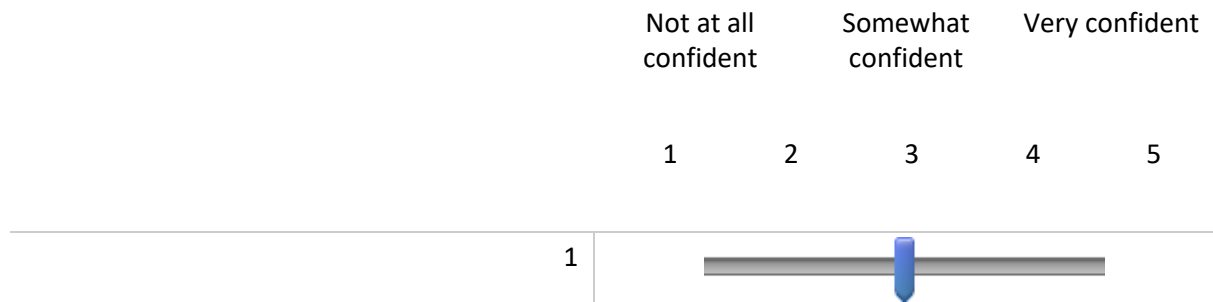
What is the maximum number of times Ottoline can check her GPS and not know that she will make it to the accident without taking a wrong turn?

(enter a whole number: 1, 2, 3... etc. If you think Ottoline knows without having to check, write "0". If you think Ottoline will never know no matter how many times she checks, write "never")

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How confident are **you** that Ottoline can check a maximum of that many times and **not know** that she will make it to the accident without taking a wrong turn?

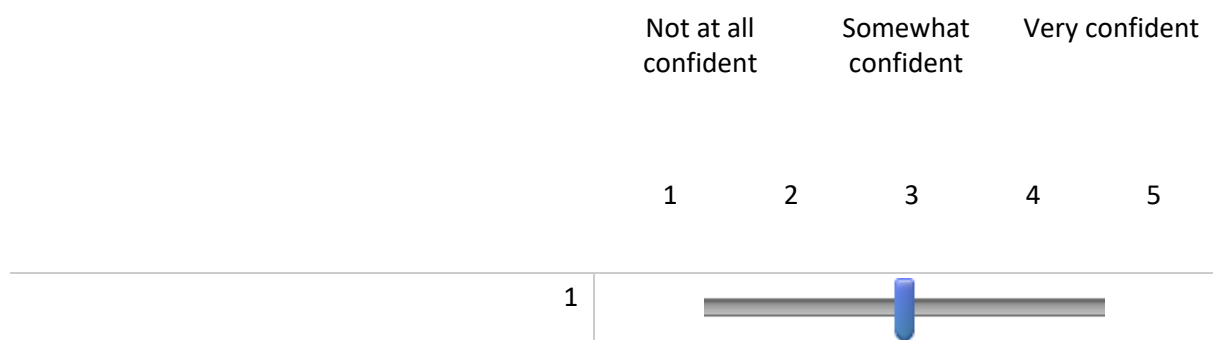


End of Block: DKnow\_Para\_High\_ES&PC

Start of Block: DKnow\_Para\_High\_SC

Ottoline, a paramedic, has just been called to an accident involving a collision between several vehicles, including buses and trucks. Ottoline is driving an ambulance carrying her team of paramedics to the scene of the accident. Ottoline is familiar with the surrounding area, she has GPS on her phone that she can check if necessary, and she is traveling on the right route to get to the accident. Over the radio, Ottoline is told that one of the trucks was carrying flammable fuel and several vehicles, including a school bus carrying 50 children, are on fire. If Ottoline makes a wrong turn on the way to the accident, she will be too late and the children will die. Ottoline thinks to herself, "I am completely confident that I can get to the accident without taking a wrong turn".

How confident is Ottoline that she will make it to the accident without taking a wrong turn?



End of Block: DKnow\_Para\_High\_SC

Start of Block: DKnow\_Vacc\_Low

Elaine is a medical researcher. Her task is to create a vaccine for a virus. Elaine has done this before,

and she has a check list that specifies all of the steps she needs to take to make the vaccine. Elaine is following all of the steps correctly. Elaine’s assistant has informed her that there is one human research participant who has volunteered to trial the vaccine before it is distributed more widely. If Elaine does not follow the steps correctly, it will produce an ineffective combination that when administered to the research participant will give them mild cold-like symptoms. Elaine thinks to herself, "I am completely confident that I am following all the steps correctly".

End of Block: DKnow\_Vacc\_Low

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Start of Block: DKnow\_Vacc\_Low\_ES&PC

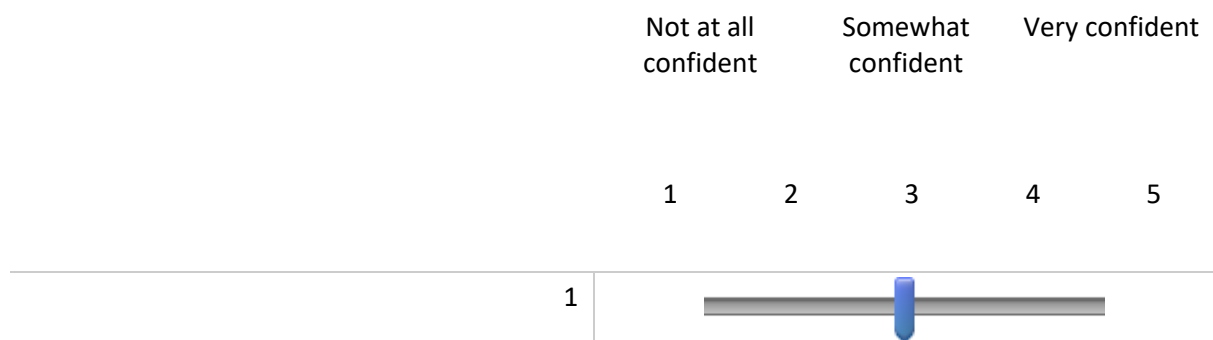
Elaine is a medical researcher. Her task is to create a vaccine for a virus. Elaine has done this before, and she has a check list that specifies all of the steps she needs to take to make the vaccine. Elaine is following all of the steps correctly. Elaine’s assistant has informed her that there is one human research participant who has volunteered to trial the vaccine before it is distributed more widely. If Elaine does not follow the steps correctly, it will produce an ineffective combination that when administered to the research participant will give them mild cold-like symptoms. Elaine thinks to herself, "I am completely confident that I am following all the steps correctly".

What is the **maximum** number of times Elaine can consult her check list and not **know** that she is making the vaccine correctly?

(enter a whole number: 1, 2, 3... etc.If you think Elaine knows without having to check, write "0". If you think Elaine will never know no matter how many times she consults her check list, write "never")

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How confident are **you** that Elaine can check a maximum of that many times and **not know** that she is making the vaccine correctly?



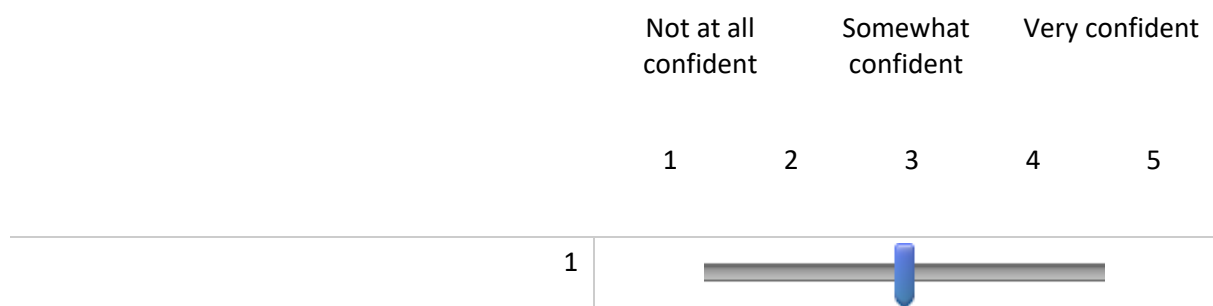
End of Block: DKnow\_Vacc\_Low\_ES&PC

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Start of Block: DKnow\_Vacc\_Low\_SC

Elaine is a medical researcher. Her task is to create a vaccine for a virus. Elaine has done this before, and she has a check list that specifies all of the steps she needs to take to make the vaccine. Elaine is following all of the steps correctly. Elaine's assistant has informed her that there is one human research participant who has volunteered to trial the vaccine before it is distributed more widely. If Elaine does not follow the steps correctly, it will produce an ineffective combination that when administered to the research participant will give them mild cold-like symptoms. Elaine thinks to herself, "I am completely confident that I am following all the steps correctly".

How confident is Elaine that she is making the vaccine correctly?



End of Block: DKnow\_Vacc\_Low\_SC

Start of Block: DKnow\_Mountain\_High

Laura is leading a mountain climbing expedition in the Alps with a novice climber. Laura has tied a rope securely to the other climber, in order to protect him from falls as they move up the mountain together. Visibility is reducing, making the climb increasingly dangerous, because it is becoming harder to see the edge of the mountain trail that they are following. The drop on either side of the trail edge is around 1,000 feet. A fall from this height would be fatal to the climber who slips, but if the rope is tied securely, no one will be injured from a slip. Laura thinks to herself, "I am completely confident that I have tied the rope securely".

End of Block: DKnow\_Mountain\_High

Start of Block: DKnow\_Mountain\_High\_ES&PC

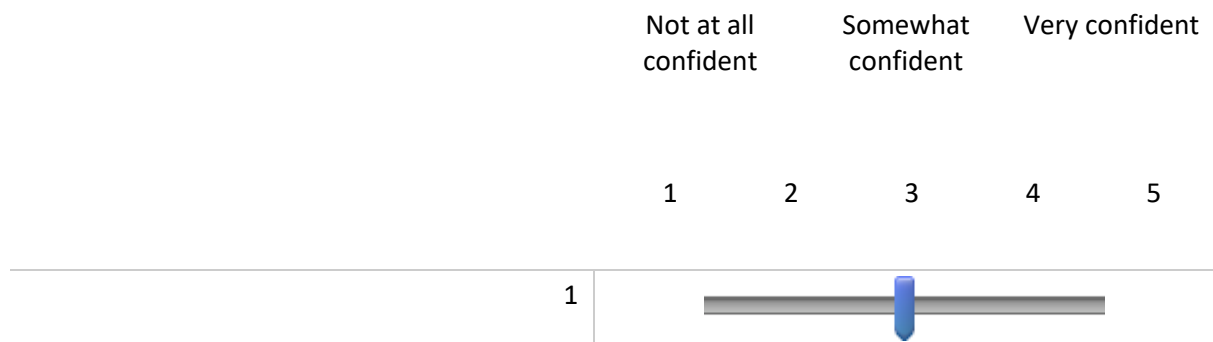
Laura is leading a mountain climbing expedition in the Alps with a novice climber. Laura has tied a rope securely to the other climber, in order to protect him from falls as they move up the mountain together. Visibility is reducing, making the climb increasingly dangerous, because it is becoming harder to see the edge of the mountain trail that they are following. The drop on either side of the trail edge is around 1,000 feet. A fall from this height would be fatal to the climber who slips, but if the rope is tied securely, no one will be injured from a slip. Laura thinks to herself, "I am completely confident that I have tied the rope securely".

What is the **maximum** number of times Laura can check the rope and not **know** that it is tied securely?

(enter a whole number: 1, 2, 3... etc. If you think Laura knows without having to check, write "0". If you think Laura will never know no matter how many times she checks, write "never")

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How confident are **you** that Laura can check a maximum of that many times and **not know** that the rope is tied securely?

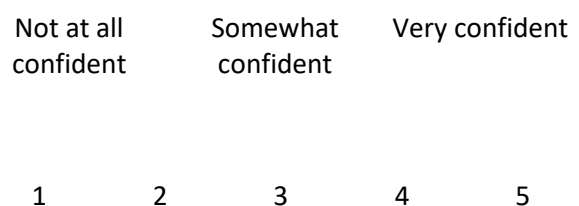


End of Block: DKnow\_Mountain\_High\_ES&PC

Start of Block: DKnow\_Mountain\_High\_SC

Laura is leading a mountain climbing expedition in the Alps with a novice climber. Laura has tied a rope securely to the other climber, in order to protect him from falls as they move up the mountain together. Visibility is reducing, making the climb increasingly dangerous, because it is becoming harder to see the edge of the mountain trail that they are following. The drop on either side of the trail edge is around 1,000 feet. A fall from this height would be fatal to the climber who slips, but if the rope is tied securely, no one will be injured from a slip. Laura thinks to herself, "I am completely confident that I have tied the rope securely".

How confident is Laura that the rope is tied securely?






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End of Block: DKnow\_Mountain\_High\_SC

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Start of Block: DKnow\_Game\_Low

Emma is taking part in a game show that involves answering general knowledge trivia questions. The game show host has asked Emma, "What is the capital of Tanzania?". Emma has recently read a list of the most obscure world capitals and the city "Dodoma" pops into her head. In fact, Emma is right: the capital of Tanzania is Dodoma. As this is the first round of the game show, only \$1 is at stake: answering this question correctly will result in Emma winning \$1, and answering incorrectly will result in her losing \$1. Emma thinks to herself, "I am completely confident that the capital of Tanzania is Dodoma".

End of Block: DKnow\_Game\_Low

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Start of Block: DKnow\_Game\_Low\_ES&PC

Emma is taking part in a game show that involves answering general knowledge trivia questions. The game show host has asked Emma, "What is the capital of Tanzania?". Emma has recently read a list of the most obscure world capitals and the city "Dodoma" pops into her head. In fact, Emma is right: the capital of Tanzania is Dodoma. As this is the first round of the game show, only \$1 is at stake: answering this question correctly will result in Emma winning \$1, and answering incorrectly will result in her losing \$1. Emma thinks to herself, "I am completely confident that the capital of Tanzania is Dodoma". What is the **maximum** number of seconds Emma can think about her answer and not **know** that the capital of Tanzania is Dodoma? (enter a whole number: 1, 2, 3... etc. If you think Emma knows without having to think about her answer, write "0". If you think Emma will never know no matter how long she thinks about her answer, write "never")

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How confident are **you** that Emma can think a maximum of that many seconds and **not know** that the capital of Tanzania is Dodoma?

Not at all confident	Somewhat confident	Very confident
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1	2	3	4	5
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1

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End of Block: DKnow\_Game\_Low\_ES&PC

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Start of Block: DKnow\_Game\_Low\_SC

Emma is taking part in a game show that involves answering general knowledge trivia questions. The game show host has asked Emma, "What is the capital of Tanzania?". Emma has recently read a list of the most obscure world capitals and the city "Dodoma" pops into her head. In fact, Emma is right: the capital of Tanzania is Dodoma. As this is the first round of the game show, only \$1 is at stake: answering this question correctly will result in Emma winning \$1, and answering incorrectly will result in her losing \$1. Emma thinks to herself, "I am completely confident that the capital of Tanzania is Dodoma".

How confident is Emma that the capital of Tanzania is Dodoma?

Not at all confident      Somewhat confident      Very confident

1      2      3      4      5

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1

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End of Block: DKnow\_Game\_Low\_SC

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Start of Block: DKnow\_Intro\_High

Nicole teaches at a university and has been asked to introduce a guest speaker on national television as part of a live interview. The interview will be viewed live by thousands of people. Nicole wrote down the speaker's name—"Dr. Woodbridge"—in her notebook earlier in the day. If Nicole introduces the guest speaker by the wrong name, she will feel very embarrassed in front of a live television audience and it will reflect very badly on her professional capabilities and on her university's reputation. Nicole thinks to herself, "I am completely confident that the guest speaker's name is Dr. Woodbridge".

End of Block: DKnow\_Intro\_High

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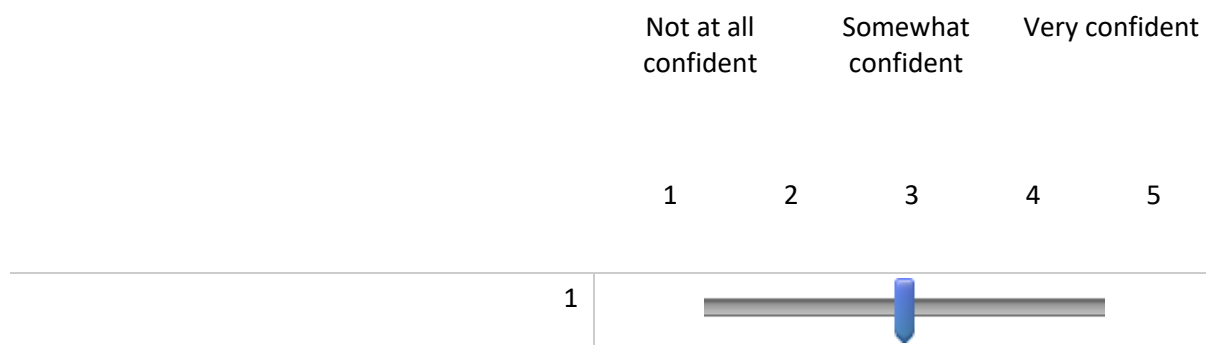
Start of Block: DKnow\_Intro\_High\_ES&PC

Nicole teaches at a university and has been asked to introduce a guest speaker on national television as part of a live interview. The interview will be viewed live by thousands of people. Nicole wrote down the speaker’s name—“Dr. Woodbridge”— in her notebook earlier in the day. If Nicole introduces the guest speaker by the wrong name, she will feel very embarrassed in front of a live television audience and it will reflect very badly on her professional capabilities and on her university’s reputation. Nicole thinks to herself, "I am completely confident that the guest speaker's name is Dr. Woodbridge". What is the **maximum** number of times Nicole can check her notebook and not **know** that the guest speaker's name is "Dr. Woodbridge" when she introduces him?

(enter a whole number: 1, 2, 3... etc. If you think Nicole knows without having to check, write "0". If you think Nicole will never know no matter how many times she checks, write "never")

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How confident are **you** that Nicole can check a maximum of that many times and **not know** that the guest speaker's name is "Dr. Woodbridge" when she introduces them?



End of Block: DKnow\_Intro\_High\_ES&PC

Start of Block: DKnow\_Intro\_High\_SC

Nicole teaches at a university and has been asked to introduce a guest speaker on national television as part of a live interview. The interview will be viewed live by thousands of people. Nicole wrote down the speaker’s name—“Dr. Woodbridge”— in her notebook earlier in the day. If Nicole introduces the guest speaker by the wrong name, she will feel very embarrassed in front of a live television audience and it will reflect very badly on her professional capabilities and on her university’s reputation. Nicole thinks to herself, "I am completely confident that the guest speaker's name is Dr. Woodbridge".

How confident is Nicole that the guest speaker's name is "Dr. Woodbridge" when she introduces him?

Not at all confident      Somewhat confident      Very confident

1      2      3      4      5



End of Block: DKnow\_Intro\_High\_SC

Start of Block: DKnow\_PVal\_Low

Natalie is living in an area where there have been a series of fires set by arsonists recently. Only a functioning sprinkler system can stop a fire set by an arsonist. A week ago, Natalie checked that the sprinklers were working in her storage room, which contains her garbage and recycling. And the sprinklers in the room are fully functioning. If the sprinklers do not work, everything in the room is at risk from arson. Natalie thinks to herself, "I am completely confident that the sprinklers are working in the storage room".

End of Block: DKnow\_PVal\_Low

Start of Block: DKnow\_PVal\_Low\_ES&PC

Natalie is living in an area where there have been a series of fires set by arsonists recently. Only a functioning sprinkler system can stop a fire set by an arsonist. A week ago, Natalie checked that the sprinklers were working in her storage room, which contains her garbage and recycling. And the sprinklers in the room are fully functioning. If the sprinklers do not work, everything in the room is at risk from arson. Natalie thinks to herself, "I am completely confident that the sprinklers are working in the storage room".

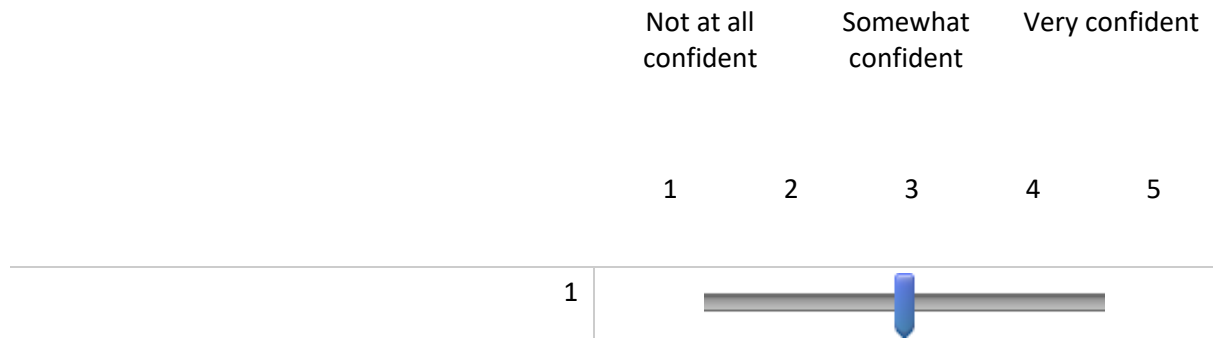
What is the **maximum** number of times Natalie can check the sprinklers and not **know** that they are working in the storage room?

(enter a whole number: 1, 2, 3... etc. If you think Natalie knows without having to check, write "0". If you think Natalie will never know no matter how many times she checks, write "never")

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How confident are **you** that Natalie can check a maximum of that many times and **not know** that the sprinklers are working in the storage room?

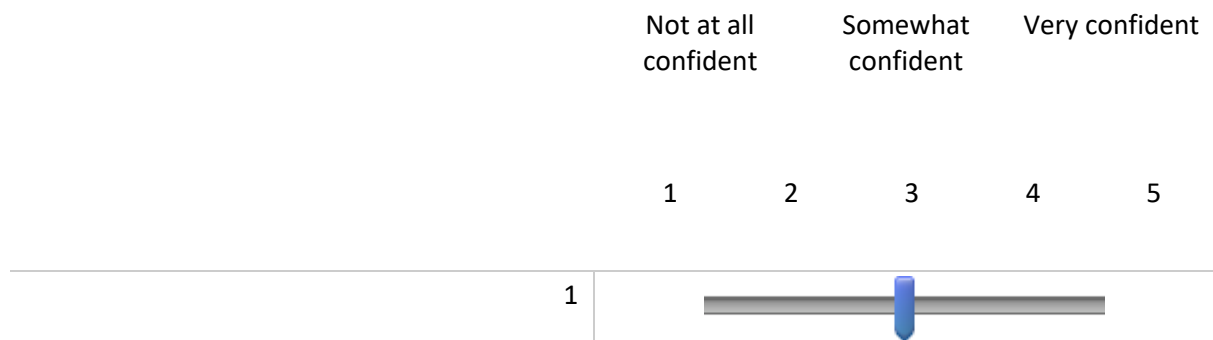


End of Block: DKnow\_PVal\_Low\_ES&PC

Start of Block: DKnow\_PVal\_Low\_SC

Natalie is living in an area where there have been a series of fires set by arsonists recently. Only a functioning sprinkler system can stop a fire set by an arsonist. A week ago, Natalie checked that the sprinklers were working in her storage room, which contains her garbage and recycling. And the sprinklers in the room are fully functioning. If the sprinklers do not work, everything in the room is at risk from arson. Natalie thinks to herself, "I am completely confident that the sprinklers are working in the storage room".

How confident is Natalie that the sprinklers are working in the storage room?



End of Block: DKnow\_PVal\_Low\_SC