Temporary Air Quality Improvement

Imagine the current air quality (measured by number and size of particulates) in your area is neither particularly good, nor particularly bad, and the local county government is considering a temporary change to its emissions policy, to study the effects of air quality on human health and local plants and wildlife. The polluting output of nearby factories and power plants will be reduced, but these factories and power plants will be compensated so that they do not incur any additional costs during the test period.   
  
The test will lead to an immediate, noticeable **improvement** in air quality over a period of 4 weeks, during which the air will smell surprisingly fresh and clean. Afterward, the air quality will return to its former level. However, the government is also considering carrying out the test one year from now, for a different length of time.   
  
We are **NOT** interested in how you feel about the way the county government is studying air quality or what they might learn. What we are interested in is your preference between the options of having noticeably improved air quality for a period of 28 days starting now, or having a potentially shorter or longer period of noticeably improved air quality that would start **one year** from now.   
  
Please choose which option you prefer in each pair. Make sure you provide an answer for all 10 pairs:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 26 days, starting **one year** from now. |
| 2. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 28 days, starting **one year** from now. |
| 3. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 30 days, starting **one year** from now. |
| 4. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 35 days, starting **one year** from now. |
| 5. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 44 days, starting **one year** from now. |
| 6. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 56 days, starting **one year** from now. |
| 7. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 72 days, starting **one year** from now. |
| 8. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 91 days, starting **one year** from now. |
| 9. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 114 days, starting **one year** from now. |
| 10. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 140 days, starting **one year** from now. |

Please answer the following questions using the same air quality scenario described above.   
  
11. Please fill in the number that makes the following two options equally attractive:  
A. Improved air quality **immediately**, for 28 days.  
B. Improved air quality **one year from now**, for days.   
  
12. Imagine you had a choice between two immediate options:  
(a) You have improved air quality for 28 days, starting **immediately**   
or  
(b) You receive some amount of money every day for 28 days, starting **immediately**   
What amount of money what make options A and B equally attractive? In other words, what amount of money per day would make it very difficult to decide between A and B? (NOTE: if you enter 0, that would indicate the change in air quality is worthless to you)  
$ per day   
  
13. Imagine you had a choice between two immediate options:  
(a) You have improved air quality for 28 days, starting **immediately**   
or  
(b) You receive $9 every day for 28 days, starting **immediately**   
Which would you prefer?  
Improved air quality for 28 days, starting immediately   
Receive $9 every day for 28 days, starting **immediately**

Temporary Air Quality Improvement

Imagine the current air quality (measured by number and size of particulates) in your area is neither particularly good, nor particularly bad, and the local county government is considering a temporary change to its emissions policy, to study the effects of air quality on human health and local plants and wildlife. The polluting output of nearby factories and power plants will be reduced, but these factories and power plants will be compensated so that they do not incur any additional costs during the test period.   
  
The test will lead to an immediate, noticeable **improvement** in air quality over a period of 4 weeks, during which the air will smell surprisingly fresh and clean. Afterward, the air quality will return to its former level. However, the government is also considering carrying out the test ten years from now, for a different length of time.   
  
We are **NOT** interested in how you feel about the way the county government is studying air quality or what they might learn. What we are interested in is your preference between the options of having noticeably improved air quality for a period of 28 days starting now, or having a potentially shorter or longer period of noticeably improved air quality that would start **ten years** from now.   
  
Please choose which option you prefer in each pair. Make sure you provide an answer for all 10 pairs:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 26 days, starting **ten years** from now. |
| 2. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 28 days, starting **ten years** from now. |
| 3. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 30 days, starting **ten years** from now. |
| 4. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 35 days, starting **ten years** from now. |
| 5. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 44 days, starting **ten years** from now. |
| 6. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 56 days, starting **ten years** from now. |
| 7. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 72 days, starting **ten years** from now. |
| 8. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 91 days, starting **ten years** from now. |
| 9. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 114 days, starting **ten years** from now. |
| 10. | Improved air quality for 28 days, starting **immediately**. |  | Improved air quality for 140 days, starting **ten years** from now. |

Please answer the following questions using the same air quality scenario described above.   
  
11. Please fill in the number that makes the following two options equally attractive:  
A. Improved air quality **immediately**, for 28 days.  
B. Improved air quality **ten years from now**, for days.   
  
12. Imagine you had a choice between two immediate options:  
(a) You have improved air quality for 28 days, starting **immediately**   
or  
(b) You receive some amount of money every day for 28 days, starting **immediately**   
What amount of money what make options A and B equally attractive? In other words, what amount of money per day would make it very difficult to decide between A and B? (NOTE: if you enter 0, that would indicate the change in air quality is worthless to you)  
$ per day   
  
13. Imagine you had a choice between two immediate options:  
(a) You have improved air quality for 28 days, starting **immediately**   
or  
(b) You receive $9 every day for 28 days, starting **immediately**   
Which would you prefer?  
Improved air quality for 28 days, starting immediately   
Receive $9 every day for 28 days, starting **immediately**

Temporary Air Quality Worsening

Imagine the current air quality (measured by number and size of particulates) in your area is neither particularly good, nor particularly bad, and the local county government is considering a temporary change to its emissions policy, to study the effects of air quality on human health and local plants and wildlife. The polluting output of nearby factories and power plants will increase, but these factories and power plants will be taxed so that they do not gain any additional profits during the test period.   
  
The test will lead to an immediate, noticeable **worsening** in air quality over a period of 4 weeks, during which the air will smell surprisingly gross and dirty. Afterward, the air quality will return to its former level. However, the government is also considering carrying out the test one year from now, for a different length of time.   
  
We are **NOT** interested in how you feel about the way the county government is studying air quality or what they might learn. What we are interested in is your preference between the options of having noticeably worse air quality for a period of 28 days starting now, or having a potentially shorter or longer period of noticeably worse air quality that would start **one year** from now.   
  
Please choose which option you prefer in each pair. Make sure you provide an answer for all 10 pairs:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 26 days, starting **one year** from now. |
| 2. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 28 days, starting **one year** from now. |
| 3. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 30 days, starting **one year** from now. |
| 4. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 35 days, starting **one year** from now. |
| 5. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 44 days, starting **one year** from now. |
| 6. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 56 days, starting **one year** from now. |
| 7. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 72 days, starting **one year** from now. |
| 8. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 91 days, starting **one year** from now. |
| 9. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 114 days, starting **one year** from now. |
| 10. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 140 days, starting **one year** from now. |

Please answer the following questions using the same air quality scenario described above.   
  
11. Please fill in the number that makes the following two options equally unattractive:  
A. Worse air quality **immediately**, for 28 days.  
B. Worse air quality **one year from now**, for days.   
  
12. Imagine you had a choice between two immediate options:  
(a) Having worse air quality for 28 days, starting **immediately**   
or  
(b) You pay some amount of money every day for 28 days, starting **immediately**   
What amount of money what make options A and B equally unattractive? In other words, what amount of money per day would make it very difficult to decide between A and B? (NOTE: if you enter 0, that would indicate the change in air quality is worthless to you)  
$ per day   
  
13. Imagine you had a choice between two immediate options:  
(a) You have worse air quality for 28 days, starting **immediately**   
or  
(b) You pay $9 every day for 28 days, starting **immediately**   
Which would you prefer?  
Worse air quality for 28 days, starting immediately   
Pay $9 every day for 28 days, starting **immediately**

Temporary Air Quality Worsening

Imagine the current air quality (measured by number and size of particulates) in your area is neither particularly good, nor particularly bad, and the local county government is considering a temporary change to its emissions policy, to study the effects of air quality on human health and local plants and wildlife. The polluting output of nearby factories and power plants will increase, but these factories and power plants will be taxed so that they do not gain any additional profits during the test period.   
  
The test will lead to an immediate, noticeable **worsening** in air quality over a period of 4 weeks, during which the air will smell surprisingly gross and dirty. Afterward, the air quality will return to its former level. However, the government is also considering carrying out the test ten years from now, for a different length of time.   
  
We are **NOT** interested in how you feel about the way the county government is studying air quality or what they might learn. What we are interested in is your preference between the options of having noticeably worse air quality for a period of 28 days starting now, or having a potentially shorter or longer period of noticeably worse air quality that would start **ten years** from now.   
  
Please choose which option you prefer in each pair. Make sure you provide an answer for all 10 pairs:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 26 days, starting **ten years** from now. |
| 2. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 28 days, starting **ten years** from now. |
| 3. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 30 days, starting **ten years** from now. |
| 4. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 35 days, starting **ten years** from now. |
| 5. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 44 days, starting **ten years** from now. |
| 6. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 56 days, starting **ten years** from now. |
| 7. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 72 days, starting **ten years** from now. |
| 8. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 91 days, starting **ten years** from now. |
| 9. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 114 days, starting **ten years** from now. |
| 10. | Worse air quality for 28 days, starting **immediately**. |  | Worse air quality for 140 days, starting **ten years** from now. |

Please answer the following questions using the same air quality scenario described above.   
  
11. Please fill in the number that makes the following two options equally unattractive:  
A. Worse air quality **immediately**, for 28 days.  
B. Worse air quality **ten years from now**, for days.   
  
12. Imagine you had a choice between two immediate options:  
(a) Having worse air quality for 28 days, starting **immediately**   
or  
(b) You pay some amount of money every day for 28 days, starting **immediately**   
What amount of money what make options A and B equally unattractive? In other words, what amount of money per day would make it very difficult to decide between A and B? (NOTE: if you enter 0, that would indicate the change in air quality is worthless to you)  
$ per day   
  
13. Imagine you had a choice between two immediate options:  
(a) You have worse air quality for 28 days, starting **immediately**   
or  
(b) You pay $9 every day for 28 days, starting **immediately**   
Which would you prefer?  
Worse air quality for 28 days, starting immediately   
Pay $9 every day for 28 days, starting **immediately**

Temporary Financial Gain

Imagine you just won a lottery, which will pay you $9 every day for 28 days. However, the lottery commission is giving you the option of receiving a different amount instead, paid to you **one year** from now.   
  
Please choose which option you prefer in each pair:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $8 every day for 28 days, starting **one year** from now |
| 2. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $9 every day for 28 days, starting **one year** from now |
| 3. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $10 every day for 28 days, starting **one year** from now |
| 4. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $11 every day for 28 days, starting **one year** from now |
| 5. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $14 every day for 28 days, starting **one year** from now |
| 6. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $18 every day for 28 days, starting **one year** from now |
| 7. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $23 every day for 28 days, starting **one year** from now |
| 8. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $29 every day for 28 days, starting **one year** from now |
| 9. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $37 every day for 28 days, starting **one year** from now |
| 10. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $45 every day for 28 days, starting **one year** from now |

11. Please fill in the number that would make the following two options equally attractive:  
A. Receive $9 every day for 28 days, starting **immediately**.  
B. Receive $ every day for 28 days, starting **one year** from now.

Temporary Financial Gain

Imagine you just won a lottery, which will pay you $9 every day for 28 days. However, the lottery commission is giving you the option of receiving a different amount instead, paid to you **ten years** from now.   
  
Please choose which option you prefer in each pair:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $8 every day for 28 days, starting **ten years** from now |
| 2. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $9 every day for 28 days, starting **ten years** from now |
| 3. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $10 every day for 28 days, starting **ten years** from now |
| 4. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $11 every day for 28 days, starting **ten years** from now |
| 5. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $14 every day for 28 days, starting **ten years** from now |
| 6. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $18 every day for 28 days, starting **ten years** from now |
| 7. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $23 every day for 28 days, starting **ten years** from now |
| 8. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $29 every day for 28 days, starting **ten years** from now |
| 9. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $37 every day for 28 days, starting **ten years** from now |
| 10. | Receive $9 every day for 28 days, starting **immediately** |  | Receive $45 every day for 28 days, starting **ten years** from now |

11. Please fill in the number that would make the following two options equally attractive:  
A. Receive $9 every day for 28 days, starting **immediately**.  
B. Receive $ every day for 28 days, starting **ten years** from now.

Temporary Financial Loss

Imagine your apartment or house is in violation of a city ordinance, and it will take you 28 days to rectify the situation. In the meantime, the city will charge you a fine of $9 per day, for each of 28 days. However, the city court is giving you the option of paying a different amount instead, **one year** from now.   
  
Please choose which option you prefer in each pair:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $8 every day for 28 days, starting **one year** from now |
| 2. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $9 every day for 28 days, starting **one year** from now |
| 3. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $10 every day for 28 days, starting **one year** from now |
| 4. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $11 every day for 28 days, starting **one year** from now |
| 5. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $14 every day for 28 days, starting **one year** from now |
| 6. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $18 every day for 28 days, starting **one year** from now |
| 7. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $23 every day for 28 days, starting **one year** from now |
| 8. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $29 every day for 28 days, starting **one year** from now |
| 9. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $37 every day for 28 days, starting **one year** from now |
| 10. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $45 every day for 28 days, starting **one year** from now |

11. Please fill in the number that would make the following two options equally attractive:  
A. Pay $9 every day for 28 days, starting **immediately**.  
B. Pay $ every day for 28 days, starting **one year** from now.

Temporary Financial Loss

Imagine your apartment or house is in violation of a city ordinance, and it will take you 28 days to rectify the situation. In the meantime, the city will charge you a fine of $9 per day, for each of 28 days. However, the city court is giving you the option of paying a different amount instead, **ten years** from now.   
  
Please choose which option you prefer in each pair:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $8 every day for 28 days, starting **ten years** from now |
| 2. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $9 every day for 28 days, starting **ten years** from now |
| 3. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $10 every day for 28 days, starting **ten years** from now |
| 4. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $11 every day for 28 days, starting **ten years** from now |
| 5. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $14 every day for 28 days, starting **ten years** from now |
| 6. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $18 every day for 28 days, starting **ten years** from now |
| 7. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $23 every day for 28 days, starting **ten years** from now |
| 8. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $29 every day for 28 days, starting **ten years** from now |
| 9. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $37 every day for 28 days, starting **ten years** from now |
| 10. | Pay $9 every day for 28 days, starting **immediately** |  | Pay $45 every day for 28 days, starting **ten years** from now |

11. Please fill in the number that would make the following two options equally attractive:  
A. Pay $9 every day for 28 days, starting **immediately**.  
B. Pay $ every day for 28 days, starting **ten years** from now.