



**Determine which scientific tool best answers the question.**

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|----------------|--------------|------------------|
| A. Thermometer | C. Scale     | E. Microscope    |
| B. Ruler       | D. Telescope | F. Measuring Cup |

**Answers**

- Will only had enough money to buy 2 pounds of bananas at the grocery store. What tool should he use to make sure he gets exactly 2 pounds?
- Oliver found a small black dot on his new sweater. What tool should he use to determine what the dot actually is?
- Adam needed to mix exactly 2 tablespoons of food coloring with 2 quarts of water. What tool should he use to measure the amounts?
- Maria, while performing an experiment, had to make sure her wires were between 1 and 2 inches. What tool did she use to determine the length?
- Paige earned \$1 dollar for every 3 pounds of cans she recycled. What tool should she use to make sure she recycles at least 3 pounds?
- Mike wanted to check the water temperature of a hot tub. What tool should he use to see the water temperature?
- George was trying to view satellites from his backyard. What tool should he use to help find one?
- Billy needed exactly 6 ounces of cheese. What tool should he use to measure exactly 6 ounces?
- Paul used a tool to view the Andromeda Galaxy. What tool did he use to see the galaxy?
- Dave wanted to check the height of his flashlight. What tool should he use?
- A scientist wanted to view the microbes in a drop of water. What tool should he use?
- Megan needed to add 500 ml of water to a mixture for an experiment. What tool did she use to measure out 500 ml of water?
- John wants to compare the cells of an animal and a plant. What tool should he use?
- Nancy was outside looking at the Crab Nebula. What tool was she using to view the nebula?
- Tom learned old books needed to stay at around 70° F. What tool should he use to make sure the books don't get too hot?

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Answers

- C**
- E**
- F**
- B**
- C**
- A**
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- C**
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- E**
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**Answers**

- Paige needed to add 500 ml of water to a mixture for an experiment. What tool did she use to measure out 500 ml of water?
- Victor wanted to check the height of his flashlight. What tool should he use?
- Sarah was mixing 2 cups of water with 3 table spoons of salt. What tool did she use to find 2 cups of water?
- Paul is trying to see a dust mite from his pillow. What tool should he use?
- Edward needed exactly 6 ounces of cheese. What tool should he use to measure exactly 6 ounces?
- Kaleb wanted to see what pollen looked like up close. What tool should he use?
- Will is trying to order rocks from the lightest to the heaviest. What tool should he use?
- Rachel was showing her friends Mars as it passed close to Earth. What tool did she use?
- A scientist wanted to view the microbes in a drop of water. What tool should he use?
- Jerry wants to measure the wing span of a bug. What tool should he use?
- A store manager wanted to make sure his coffee wasn't hotter than 110°. What tool should he use?
- A scientist took a quart of water from a river to look for microbes. What tool should he use to make sure he had a quart?
- To test a hypothesis, Robin needed to make sure the temperature outside was at least 10° above freezing. What tool did she use to make sure it was above freezing?
- Nancy needed to make sure she had a counterbalance for an experiment that was at least 2 pounds. What tool should she use?
- Isabel wanted to determine if she could see the flag on the moon. What tool should she use?

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Answers

- F**
- B**
- F**
- E**
- C**
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- C**
- D**
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- B**
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**Answers**

- Adam wants to see which cup of soil weighs the most. What tool should he use?
- Roger is trying to figure out which plant grew the most during a weekend. What tool should he use?
- Robin was watching a science program that showed an image of the nucleus of a cell. What tool did they use to get the image?
- During an experiment Emily discovered her rose had grown 3 feet tall with the help of fertilizer. What tool did she use to find the height of the rose?
- Sarah was trying to see a comet as it passed close to Earth. What tool should she use to best view the comet?
- Rachel made sure both her plants got the same amount of liquid fertilizer. What tool did she use to determine this?
- Amy determined that her water expanded from 100 cm to 110 cm when frozen. What tool did she used to determine how much it expanded?
- Victor wanted to check the water temperature of a hot tub. What tool should he use to see the water temperature?
- George wants to put the same amount of water in two different plants. What tool should he use?
- Wendy earned \$1 dollar for every 3 pounds of cans she recycled. What tool should she use to make sure she recycles at least 3 pounds?
- Luke wants to see the details of the moon. What tool should he use?
- Cody wants to see if two different blood types look different. What tool should he use?
- Tiffany performed an experiment where she cooled batteries to 0° C. What tool did she use to determine the batteries temperature?
- A store manager wanted to make sure his coffee wasn't hotter than 110°. What tool should he use?
- Will read a book describing a mite that was less than a millimeter long. What tool should be used to best view one of the mites?

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Answers

- C**
- B**
- E**
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**Answers**

- 1) Faye needed to cut a sheet of paper so it was exactly 5 inches long. What tool should she use to make sure it is cut exactly 5 inches?
- 2) A chef needed to add 1 tablespoon of seasoning to some chicken he was cooking. What tool should he use to measure out 1 tablespoon.
- 3) Gwen needed to add 500 ml of water to a mixture for an experiment. What tool did she use to measure out 500 ml of water?
- 4) Billy is trying to see a dust mite from his pillow. What tool should he use?
- 5) Ned wants to compare the cells of an animal and a plant. What tool should he use?
- 6) Robin wanted to determine if she could see the flag on the moon. What tool should she use?
- 7) Sarah needed to find out how far a snail moved after 30 minutes. What tool should she use to check the distance it moved?
- 8) Tiffany earned \$1 dollar for every 3 pounds of cans she recycled. What tool should she use to make sure she recycles at least 3 pounds?
- 9) Wendy was trying to find the planet Venus. What tool should she use?
- 10) Tom needs to make sure the water in her experiment is at least 75° F. What tool should she use?
- 11) Kaleb wants to see which cup of soil weighs the most. What tool should he use?
- 12) After putting her soup in the microwave for 2 minutes it was exactly 165° F. What tool did Rachel use to check the temperature of her soup?
- 13) An industrial machine needs to stay under 185°. What tool should be used to make sure the machine stays cool enough?
- 14) Olivia wants to see which is lighter, a pencil or a pen. What tool should she use?
- 15) Henry found a small black dot on his new sweater. What tool should he use to determine what the dot actually is?

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Answers

1. **B**
2. **F**
3. **F**
4. **E**
5. **E**
6. **D**
7. **B**
8. **C**
9. **D**
10. **A**
11. **C**
12. **A**
13. **A**
14. **C**
15. **E**





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- Isabel learned that water freezes at 32° F. What tool would she use to determine when it is 32° F?
- Jerry wanted to see if the bottle of steak sauce he bought actually weighed 17 ounces. What tool should he use?
- Luke wanted to see what pollen looked like up close. What tool should he use?
- Lana needed to add 500 ml of water to a mixture for an experiment. What tool did she use to measure out 500 ml of water?
- Kaleb needs to cut a string to exactly 1.8 cm. What tool should he use?
- A scientist took a quart of water from a river to look for microbes. What tool should he use to make sure he had a quart?
- Janet wanted to determine the difference in weight between an inflated balloon and a deflated balloon. What tool should she use to check the difference?
- Ned wants to measure the wing span of a bug. What tool should he use?
- To test a hypothesis, Debby needed to make sure the temperature outside was at least 10° above freezing. What tool did she use to make sure it was above freezing?
- Maria was watching a science program that showed an image of the nucleus of a cell. What tool did they use to get the image?
- Victor found a small black dot on his new sweater. What tool should he use to determine what the dot actually is?
- Henry wanted to see if the color of a shirt effected how much the shirt weighed. What tool should he use to test this?
- Chloe performed an experiment where she cooled batteries to 0° C. What tool did she use to determine the batteries temperature?
- Oliver was trying to view satellites from his backyard. What tool should he use to help find one?
- Emily was trying to see a comet as it passed close to Earth. What tool should she use to best view the comet?

**Answers**

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**Answers**

- 1) Faye wanted to see if a new TV would fit in her TV cabinet. What tool should she use to check the size of the cabinet opening?
- 2) Lana wanted to see if a pint of milk or a pint of water weighed more. What tool should she use to measure out a pint of milk and a pint of water?
- 3) Rachel wants to see which is lighter, a pencil or a pen. What tool should she use?
- 4) Janet wanted to see how much cooler the temperature was at night compared to during the day. What tool should she use?
- 5) Edward wanted to see what pollen looked like up close. What tool should he use?
- 6) Wendy earned \$1 dollar for every 3 pounds of cans she recycled. What tool should she use to make sure she recycles at least 3 pounds?
- 7) Adam needs to cut a string to exactly 1.8 cm. What tool should he use?
- 8) A chef needed to add 1 tablespoon of seasoning to some chicken he was cooking. What tool should he use to measure out 1 tablespoon.
- 9) Cody was performing an experiment, testing which type of material stretched the most. What tool should he used to see how far each material stretched?
- 10) Haley wanted to determine if she could see the flag on the moon. What tool should she use?
- 11) Katie needed to freeze at least 4 liters of water for an experiment on erosion. What tool did she use to make sure she had at least 4 liters?
- 12) Will read a book describing a mite that was less than a millimeter long. What tool should be used to best view one of the mites?
- 13) Roger wants to see the details of the moon. What tool should he use?
- 14) Paul wanted to see if the color of a shirt effected how much the shirt weighed. What tool should he use to test this?
- 15) Frank wants to see which day of the week it is the warmest. What tool should he use?

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- 11) Katie needed to freeze at least 4 liters of water for an experiment on erosion. What tool did she use to make sure she had at least 4 liters?
- 12) Will read a book describing a mite that was less than a millimeter long. What tool should be used to best view one of the mites?
- 13) Roger wants to see the details of the moon. What tool should he use?
- 14) Paul wanted to see if the color of a shirt effected how much the shirt weighed. What tool should he use to test this?
- 15) Frank wants to see which day of the week it is the warmest. What tool should he use?

Answers

1. **B**
2. **F**
3. **C**
4. **A**
5. **E**
6. **C**
7. **B**
8. **F**
9. **B**
10. **D**
11. **F**
12. **E**
13. **D**
14. **C**
15. **A**



**Determine which scientific tool best answers the question.**

- |                |              |                  |
|----------------|--------------|------------------|
| A. Thermometer | C. Scale     | E. Microscope    |
| B. Ruler       | D. Telescope | F. Measuring Cup |

**Answers**

- 1) Mike used a tool to view the Andromeda Galaxy. What tool did he use to see the galaxy?
- 2) Lana made sure both her plants got the same amount of liquid fertilizer. What tool did she use to determine this?
- 3) Cody is trying to figure out which plant grew the most during a weekend. What tool should he use?
- 4) Paige was trying to find the International Space Station. What tool should she use?
- 5) Isabel earned \$1 dollar for every 3 pounds of cans she recycled. What tool should she use to make sure she recycles at least 3 pounds?
- 6) Megan determined that her water expanded from 100 cm to 110 cm when frozen. What tool did she used to determine how much it expanded?
- 7) Amy wanted to see if a gallon of milk or a gallon of water weighed more. What tool should she use to check their weight?
- 8) Roger wanted to check the water temperature of a hot tub. What tool should he use to see the water temperature?
- 9) Adam read a book describing a mite that was less than a millimeter long. What tool should be used to best view one of the mites?
- 10) A scientist took 3 cups of soil out of a garden to test. What tool did she use to make sure she had exactly 3 cups?
- 11) An industrial machine needs to stay under 185°. What tool should be used to make sure the machine stays cool enough?
- 12) George saw something strange in the sky and wanted to investigate. What tool should he use to determine what the object is?
- 13) Gwen was looking at a sample of pond water trying to see any microbes. What tool did she use?
- 14) Billy wanted to see a how a snake's scales looked up close. What tool should he use?
- 15) A store manager wanted to make sure his coffee wasn't hotter than 110°. What tool should he use?

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Determine which scientific tool best answers the question.

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Answers

1. **D**
2. **F**
3. **B**
4. **D**
5. **C**
6. **B**
7. **C**
8. **A**
9. **E**
10. **F**
11. **A**
12. **D**
13. **E**
14. **E**
15. **A**





**Determine which scientific tool best answers the question.**

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|----------------|--------------|------------------|
| A. Thermometer | C. Scale     | E. Microscope    |
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**Answers**

- Megan was looking at the small hairs that cover an ant. What tool was she using?
- Mike needed to mix exactly 2 tablespoons of food coloring with 2 quarts of water. What tool should he use to measure the amounts?
- Maria wanted to see if a gallon of milk or a gallon of water weighed more. What tool should she use to check their weight?
- Gwen was outside looking at the Crab Nebula. What tool was she using to view the nebula?
- Wendy read in a book that salt was actually just a bunch of tiny cubes. What tool should Wendy use to view salt cubes for herself?
- A chef needed to add 1 tablespoon of seasoning to some chicken he was cooking. What tool should he use to measure out 1 tablespoon.
- Edward only had enough money to buy 2 pounds of bananas at the grocery store. What tool should he use to make sure he gets exactly 2 pounds?
- Paul needs to make sure the water in her experiment is at least 75° F. What tool should she use?
- Sarah was looking at a sample of pond water trying to see any microbes. What tool did she use?
- Amy was showing her friends Mars as it passed close to Earth. What tool did she use?
- Billy wants to see which day of the week it is the warmest. What tool should he use?
- Olivia performed an experiment where she cooled batteries to 0° C. What tool did she use to determine the batteries temperature?
- Lana wanted to see if a new TV would fit in her TV cabinet. What tool should she use to check the size of the cabinet opening?
- Tom used a tool to view the Andromeda Galaxy. What tool did he use to see the galaxy?
- Rachel wanted to determine the difference in weight between an inflated balloon and a deflated balloon. What tool should she use to check the difference?

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Answers

- E**
- F**
- C**
- D**
- E**
- F**
- C**
- A**
- E**
- D**
- A**
- A**
- B**
- D**
- C**



**Determine which scientific tool best answers the question.**

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| A. Thermometer | C. Scale     | E. Microscope    |
| B. Ruler       | D. Telescope | F. Measuring Cup |

**Answers**

- 1) A scientist discovered a new planet orbiting a distant star. What tool did he most likely use?
- 2) Haley was looking at a sample of pond water trying to see any microbes. What tool did she use?
- 3) Carol learned that water freezes at 32° F. What tool would she use to determine when it is 32° F?
- 4) A scientist took a quart of water from a river to look for microbes. What tool should he use to make sure he had a quart?
- 5) Oliver is trying to figure out which plant grew the most during a weekend. What tool should he use?
- 6) An industrial machine needs to stay under 185°. What tool should be used to make sure the machine stays cool enough?
- 7) Lana needed to add 500 ml of water to a mixture for an experiment. What tool did she use to measure out 500 ml of water?
- 8) Jerry wants to see which day of the week it is the warmest. What tool should he use?
- 9) Ned used a tool to view the Andromeda Galaxy. What tool did he use to see the galaxy?
- 10) Robin earned \$1 dollar for every 3 pounds of cans she recycled. What tool should she use to make sure she recycles at least 3 pounds?
- 11) Faye was watching a science program that showed an image of the nucleus of a cell. What tool did they use to get the image?
- 12) Edward wanted to see if the color of a shirt effected how much the shirt weighed. What tool should he use to test this?
- 13) Dave was performing an experiment, testing which type of material stretched the most. What tool should he used to see how far each material stretched?
- 14) Adam is trying to see a dust mite from his pillow. What tool should he use?
- 15) Cody needed exactly 6 ounces of cheese. What tool should he use to measure exactly 6 ounces?

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Answers

- D**
- E**
- A**
- F**
- B**
- A**
- F**
- A**
- D**
- C**
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