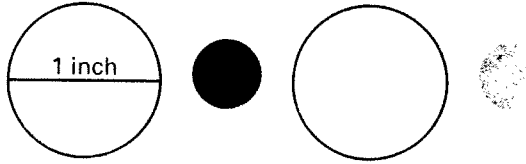


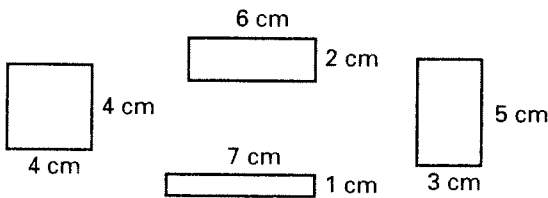


Objective 6
TEKS 6.13.A Practice

1. Which statement best describes these shapes?



- A They all appear to be circles.
 - B They all appear to be shaded.
 - C They all appear to be measured.
 - D They all appear to have equal area.
2. Which statement best describes these rectangles?



- F They all have equal area.
 - G They all have congruent sides.
 - H They all have the same perimeter.
 - J They all have width greater than height.
3. Mr. Ellis takes a bus to work. These are the times he went to the bus stop on five mornings:

7:45, 7:49, 7:41, 7:44, 7:43

If he never missed the bus, which best describes the time the bus arrived at Mr. Ellis' bus stop each morning?

- A The bus arrived before 7:40.
- B The bus arrived after 7:40.
- C The bus arrived before 7:45.
- D The bus arrived after 7:45.

4. This is a list of the lengths in minutes of all the movies showing at a theater:

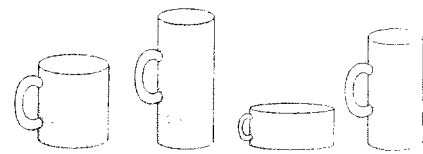
88, 92, 104, 86, 99

Which best describes the lengths of the movies?

- F The movies are between 88 and 99 minutes long.
 - G The movies are more than 86 minutes long.
 - H The movies are less than 104 minutes long.
 - J The movies are between 85 and 105 minutes long.
5. Which statement best describes these numbers?

2, 5, 8, 10, 20

- A They all are factors of 20.
 - B They all are factors of 40.
 - C They all are multiples of 2.
 - D They all are multiples of 4.
6. Which statement best describes these cups?



- F They all appear to be half full.
- G They all appear to have the same diameter.
- H They all appear to have the same height.
- J They all appear to have the same volume.

6.13.A When you finish this page, you can check off a box on your TEKS Tracker, page 69.



Objective 6
TEKS 6.13.B Practice

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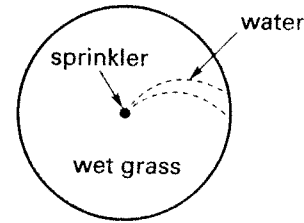
1. Mr. Royce builds a rectangular pond. The pond is 4 feet wide and 7 feet long. It holds 84 cubic feet of water. Mr. Royce tells his neighbor, "My pond is 3 feet deep." Which fact best supports Mr. Royce's statement?
 - A The area of a rectangle is the product of its width and length.
 - B The volume of a rectangular prism is the product of its width, length, and height.
 - C The opposite sides of a rectangle are the same length.
 - D The perimeter of a rectangle is twice the length plus twice the width.

2. Joe has \$10. Matt has \$20. Joe tells Matt, "You have twice as much as I have." Which fact best supports Joe's statement?
 - F $2 + 20 = 22$ G $30 - 20 = 10$
 - H $20 \times 2 = 40$ J $20 \div 2 = 10$

3. Victor's school is shaped like a regular octagon, with the door in the middle of one side of the building. He starts at the door and runs once around the outside of the school. Victor says, "I turned the corner 8 times." Which fact best supports Victor's statement?
 - A An octagon has 8 sides and 8 angles.
 - B The number 8 is the sum of 4 and 4.
 - C The angles of a regular octagon are the same.
 - D The area of an octagon is the sum of the areas of 4 rectangles and 4 triangles.

4. Connor buys 3 books for \$14 each. His dad buys 3 books for \$4 each and 3 books for \$10 each. The clerk tells them, "You both spent the same amount." Which property best supports the clerk's statement?
 - F Active G Associative
 - H Commutative J Distributive

5. This sprinkler sprays water in a circular pattern.



- The water covers 81π square feet of grass. Jack says, "I know I won't get wet if I stand 10 feet from the sprinkler." Which fact best supports Jack's statement?
- A A circle's diameter is twice the length of the circle's radius.
 - B The area of a circle is the product of π and the square of the circle's radius.
 - C The circumference of a circle is the product of π and the circle's diameter.
 - D A circle is a set of points that are all the same distance from a center point.
6. Jordan hangs this poster of his favorite band.



- He says, "My poster will cover 6 square feet of wall space." Which fact best supports Jordan's statement?
- F 36 equals 6 squared.
 - G 12 inches equals 1 foot.
 - H Perimeter can be measured in feet.
 - J The poster's width is $1\frac{1}{2}$ times its height.

6.13.B When you finish this page, you can check off a box on your TEKS Tracker, page 69.