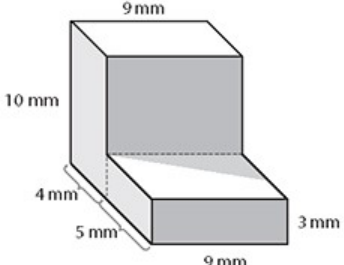
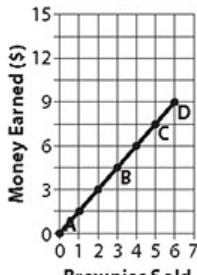


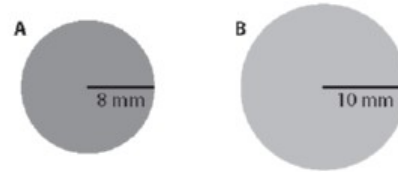
A Quiz #15
Lessons 57–60

1. Find the volume of the shape in the box.
2. Write the simplified expression for $6(5 - m) + 12m$.
3. Why does a random sample usually produce a good snapshot of a population being studied?
4. Adam earns a 10% commission on every milkshake he sells at an ice cream store. Today, he sold 6 milkshakes at \$3.75 each. What was Adam's total, in commissions, for today?
5. Simplify this complex fraction. $\frac{\frac{3}{5}}{\frac{5}{8}}$
6. Find the quotient. $486 \div (-9)$
7. $0.049 \times 0.05 = ?$
8. Harper bought 4 packages of chocolate cookies and 2 packages of vanilla cookies. Each package contained 14 cookies. How many more chocolate cookies than vanilla cookies did she buy?
9. Find the circumference of a circle that has a radius of 10 cm.
10. Diane puts a letter block with each letter of her name in a paper bag. In the answer box, list the sample space. If she chooses a block without looking into the bag, what is $P(a)$?
11. The graph represents the price (p) of brownies (b) at a farmer's market. What is the constant of proportionality? Write an equation to represent this relationship.
12. Which of these represents 4 units away from 9 in the negative direction on a number line?

<p>1.</p> <p>7.G.6</p> 	<p>2.</p> <p>7.EE.1</p>
<p>3.</p> <p>7.SP.1</p> <p>A) It includes all the members of a population.</p> <p>B) It is made up of individuals who are equally likely to represent the population.</p> <p>C) It includes only the individuals who have a certain characteristic.</p>	<p>4.</p> <p>7.RP.3</p>
<p>5.</p> <p>7.RP.1</p>	<p>6.</p> <p>7.G.4</p>
<p>7.</p> <p>6.NS.3</p>	<p>8.</p> <p>7.NS.3</p>
<p>9.</p> <p>7.G.4</p>	<p>10.</p> <p>7.SP.5</p>
<p>11.</p> <p>7.RP.2</p> 	<p>12.</p> <p>7.NS.1</p> <p>A) $5 + 4$</p> <p>B) $4 + -9$</p> <p>C) $-4 + 9$</p>

A Quiz #16

Lessons 61–64



1. Find the combined area of circle A and circle B. Use 3.14 for pi.
2. In a random sampling of a middle school's population, students were asked to choose a favorite ice cream flavor. If 88% of the sample chose chocolate, what might the researcher conclude?
3. James earns \$30 an hour now but will get a raise of 10% per hour. If he works 50 hours per week after the raise, how much will he make per week?
4. Simplify this expression. $3 - 2s + 4 + 7$
Evaluate the expression when $s = 5$.
5. A particular substance has a mass of 9 grams per cubic centimeter. Assume the figure in the box is composed of this substance. What would be its mass?
6. Multiply. Write the product in simplest form. $\frac{3}{7} \times \frac{-2}{6} = ?$
7. Simplify this complex fraction. $\frac{\frac{4}{7}}{\frac{3}{4}}$
8. Solve. $[-6 + (-8) + 4] \div 2 = ?$
9. Otis and Andrew each bought a hot dog. Andrew also bought a \$3 drink. Write an expression to represent how much they spent if h is the cost of a hot dog.
10. A container has 3 red marbles, 2 blue marbles, and 1 black marble. What is the probability that Josh will choose a red marble if he reaches into the container without looking inside? Plot the probability on the number line.
11. During a math game, Gloria picked a card that read -325 . Boris was next; he picked a card that said, "Give a number that is 250 more than the number on the previous player's card." What number should Boris give?
12. Logan works at an electronics store. He earns a 13% commission on every TV he sells. This weekend he sold four TVs that were \$650 each. What was Logan's commission?

1. 7.G.4	2.
3. 7.EE.3	4. 7.EE.1
5. 7.G.6 	6. 7.NS.2
7. 7.RP.1	8. 7.NS.3
9. 7.EE.2	10. 7.SP.5
11. 7.NS.1	12. 7.RP.3