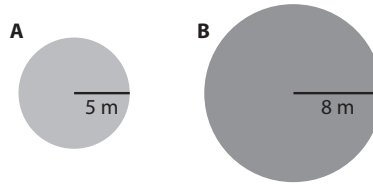


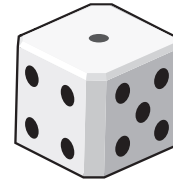
## Sample Quiz

### Lessons xx–xx

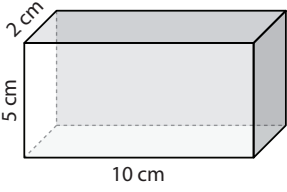
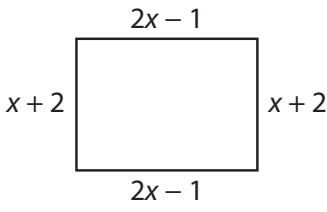
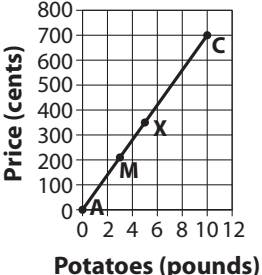
1. Find the combined area of circle A and circle B. Use 3.14 for pi.



2. Simplify this complex fraction.  $\frac{\frac{3}{4}}{1\frac{2}{7}}$
3. Find the surface area of the prism.
4. At a baseball game, José bought 2 hotdogs at a cost of \$2.50 each. He also gave the vendor a 15% tip. How much did José spend?
5. Gavin must pay 2% local income tax on an annual salary of \$37,500. If he makes four equal payments, how much will he pay each time?
6. What is the probability of rolling an even number with a single number cube?



7. Use long division to write  $\frac{1}{6}$  as a decimal with the proper notation.
8. Which of these could not be the three angle measures of a triangle?
9. A research group wants to study the cholesterol levels of women over 50 in San Jose, CA. They record the cholesterol of a random sample of women turning 50 this year. Is the study likely to yield valid results? Defend your answer.
10. Write an expression in simplest form to show the perimeter of the rectangle. Find the perimeter if  $x = 6$  cm.
11. The graph represents the cost of potatoes at a farmer's market. What is the unit rate? Give the coordinates of the point on the graph that corresponds to the unit rate.
12. Solve.  $[55 - (-38)] \div 3 = ?$

<p>1.</p> <p>7.G.4</p>	<p>2.</p> <p>7.RP.1</p>
<p>3.</p> <p>7.G.6</p> 	<p>4.</p> <p>7.RP.3</p>
<p>5.</p> <p>7.EE.3</p>	<p>6.</p> <p>7.SP.5</p>
<p>7.</p> <p>7.NS.2</p> $6 \overline{)1}$	<p>8.</p> <p>7.G.2</p> <p>A) <math>100^\circ, 40^\circ, 40^\circ</math>          B) <math>35^\circ, 75^\circ, 60^\circ</math>          C) <math>20^\circ, 30^\circ, 140^\circ</math>          D) <math>45^\circ, 50^\circ, 85^\circ</math></p>
<p>9.</p> <p>7.SP.1</p>	<p>10.</p> <p>7.EE.1</p> 
<p>11.</p> <p>7.RP.2</p> 	<p>12.</p> <p>7.NS.3</p>