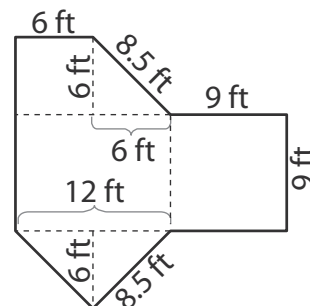
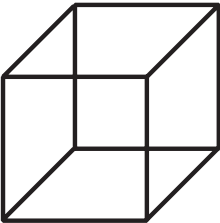


Sample Lesson #2

1. Choose the word or words that describe a measure of variation.
2. Integers are used to represent real world ideas. For example, a temperature of 12 degrees below zero is written as -12° F (Say, “negative twelve degrees Fahrenheit.”) How would you show 3 feet below sea level if the value given to sea level is zero?
3. For every \$4 the New Deli Sandwich Shop spends, it makes \$5. If the expenditure to earnings rate is 4:5, how much can the shop expect to make if it spends \$100?
4. $25.45 \div 5 = ?$
5. Choose an expression that is equivalent to $11x + 55$.
6. Evaluate $2(a + c) \div 2c$ when $a = 4$ and $c = 2$.
7. Find **Table B** in the *Appendix*. Order the data. Give Q1, Q2, and Q3 for the data set. Give the interquartile range.
8. Evaluate the expressions. $2^3 \div (16 - 14)$
9. Julian practiced his trumpet for 15 hours over the past 5 days. On average, Julian practiced _____ hours per day.
10. What is the LCM of 11 and 4?
11. Which expression is equivalent to $30b - 15c + 18$?
12. **A face is a flat surface of a solid figure. An edge is the line segment where two faces meet. A vertex is a corner point.** Count to find the number of faces, edges, and vertices on the cube pictured.



13. Complete the measurement table.
14. $744 \div 12 = ?$
15. Find the area of the room.

<p>1. 6.SP.3</p> <p>_____ Range</p> <p>_____ Mode</p> <p>_____ Median</p> <p>_____ Mean</p> <p>_____ Variable</p>	<p>2. 6.NS.5</p> <p>A) +3 ft</p> <p>B) -3 ft</p> <p>C) either A or B is correct</p>	<p>3. 6.RP.1</p>												
<p>4. 6.NS.3</p>	<p>5. 6.EE.3</p> <p>A) $15(x + 5)$</p> <p>B) $11(x + 5)$</p>	<p>6. 6.EE.2</p>												
<p>7. 6.SP.5</p> <p>Q1 _____</p> <p>Q2 _____</p> <p>Q3 _____</p> <p>IQR _____</p>	<p>8. 6.EE.1</p>	<p>9. 6.RP.2</p>												
<p>10. 6.NS.4</p>	<p>11. 6.EE.4</p> <p>A) $3(10b - 5c + 6)$</p> <p>B) $5(10b - 5c - 6)$</p> <p>C) $3(10b - 5c - 6c)$</p>	<p>12. 6.G.4</p> 												
<p>13. 6.RP.3</p> <table border="1" data-bbox="198 1667 537 1913"> <thead> <tr> <th>Pint</th> <th>Quart</th> <th>Gallon</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>10</td> <td>2.5</td> </tr> <tr> <td>10</td> <td></td> <td></td> </tr> <tr> <td>40</td> <td></td> <td></td> </tr> </tbody> </table>	Pint	Quart	Gallon	20	10	2.5	10			40			<p>14. 6.NS.2</p>	<p>15. 6.G.1</p>
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