

A Quiz #11

1.

7.EE.1

$$5t$$

$$50$$

2.

7.RP.1

$$\frac{3}{8}$$

3.

7.NS.3

126 8th graders

4.

6.NS.3

562.8

5.

6.SP.5

37	22.75	19	26	41.4	31	44	27.25
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mean: 31.1

median: 29.1

6.

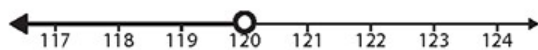
7.G.4

$$r = 30 \text{ in.}$$

7.

6.EE.8

$$g < 120 \text{ mi}$$



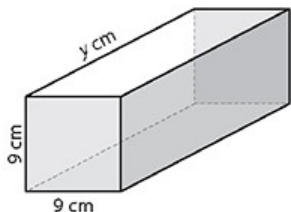
8.

7.RP.3

20 gal water; 4 bags of food

9.

7.G.6



$$y = 20 \text{ cm}$$

10. Yes, the data are proportional.

7.RP.2

C of P
is 1.5.Unit Rate =
 $\frac{1.5 \text{ hr}}{1 \text{ acre}}$

Acres Plowed	3	5	8	4
Hours	4.5	7.5	12	6

11.

7.NS.2

÷	+	-
+	+	-
-	-	+

12.

7.NS.1

A) $50 + 25$

B) $-50 + 25$

A Quiz #12

<p>1.</p> <p>7.EE.1</p> $10p - 16 + t$	<p>2.</p> <p>7.RP.1</p> $\frac{7}{48}$												
<p>3.</p> <p>7.NS.1</p> <p>A) $8 + (-12 + 32)$ B) $(8 - 32) - 12$ C) $8 - (12 + 32)$</p>	<p>4.</p> <p>7.RP.3</p> <p>\$11.50</p>												
<p>5.</p> <p>6.EE.7</p> $\frac{1}{4} + p + \frac{1}{8} = 1$ $p = \frac{5}{8} \text{ shelves}$	<p>6.</p> <p>7.RP.2</p> <table border="1" data-bbox="906 871 1193 1123"> <thead> <tr> <th colspan="2">Price of Carrots</th> </tr> <tr> <th>Pounds</th> <th>Price (\$)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.24</td> </tr> <tr> <td>2</td> <td>4.48</td> </tr> <tr> <td>4</td> <td>8.96</td> </tr> <tr> <td>9</td> <td>20.16</td> </tr> </tbody> </table> <p>Unit Rate = $\frac{2.24 \text{ dollar}}{1 \text{ lb}}$ C of P is 2.24.</p>	Price of Carrots		Pounds	Price (\$)	1	2.24	2	4.48	4	8.96	9	20.16
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<p>7.</p> <p>6.NS.1</p> <p>21 R 21</p>	<p>8.</p> <p>6.NS.3</p> <p>0.0371</p>												
<p>9.</p> <p>7.G.4</p> $A = \pi r^2$	<p>10.</p> <p>7.EE.2</p> $7\% = 0.07$												
<p>11.</p> <p>7.G.6</p> $V = 560 \text{ cm}^3$ $SA = 412 \text{ cm}^2$	<p>12.</p> <p>7.NS.3</p> <p>2 boxes of cones</p>												