

|   |  |  |           |
|---|--|--|-----------|
| <p>1.</p> <p><math>\frac{\\$60}{8}</math> for <math>\frac{8}{8}h</math></p> <p><math>\frac{\\$7.50}{1}</math> for <math>1h</math></p> | <p>2.</p> $\begin{array}{r} \$3 \\ 4lb \\ \hline \$7.5 \\ 1lb \end{array}$ | <p>3.</p> $\begin{array}{r} 861 \text{ bytes} \\ 3d \\ \hline 287 \text{ bytes} \\ 1d \end{array}$ | <p>4.</p> |
| <p>5.</p> <p><math>\frac{\\$4.50}{8}</math> for <math>\frac{8}{8}oz = \frac{\\$5.625}{8}</math> for <math>1oz</math></p>              |  |  |           |
| <p>6.</p>   |  |  |           |

|  |   |           |   |  |
|--|---|-----------|---|--|
| <p>7.</p> $\frac{10}{24} > \frac{7}{18}$ <p>10(18) 7(24)</p> <p>180 &gt; 168</p> <p>not a proportion</p> | <p>8.</p> $\frac{6}{9} = \frac{10}{15}$ <p>6(15) 10(9)</p> <p>90 = 90</p> <p>yes<br/>it is a proportion</p> | <p>9.</p> | <p>10.</p> $\frac{16}{2} = \frac{8}{1}$ <p>16(1) 8(2)</p> <p>16 = 16</p> <p>yes</p> | <p>11.</p> $-\frac{4.8}{4} > -\frac{6.4}{5}$ <p><math>-\frac{4.8}{4} = -1.2</math></p> <p><math>-\frac{6.4}{5} = -1.28</math></p> <p>no not a proportion</p> |
|--|---|-----------|---|--|

|  |  |  |  |
|--|--|--|--|
| <p>12. Tim</p> $\frac{5}{Q} = \frac{6}{10}$ $\frac{10}{Q} = \frac{3}{10}$ $Q = 20$ | <p>13.</p> $\frac{2}{4} = \frac{7}{8}$ $\frac{8Z}{8} = \frac{28}{8}$ $Z = 3.5$ | <p>14.</p> $3.2 = \frac{m}{12}$ $\frac{158.4}{6} = \frac{6m}{6}$ $m = 264$ | <p>15.</p> $\frac{-m}{5} = \frac{-2}{5}$ $-5m = -10$ $m = 2$ |
|--|--|--|--|

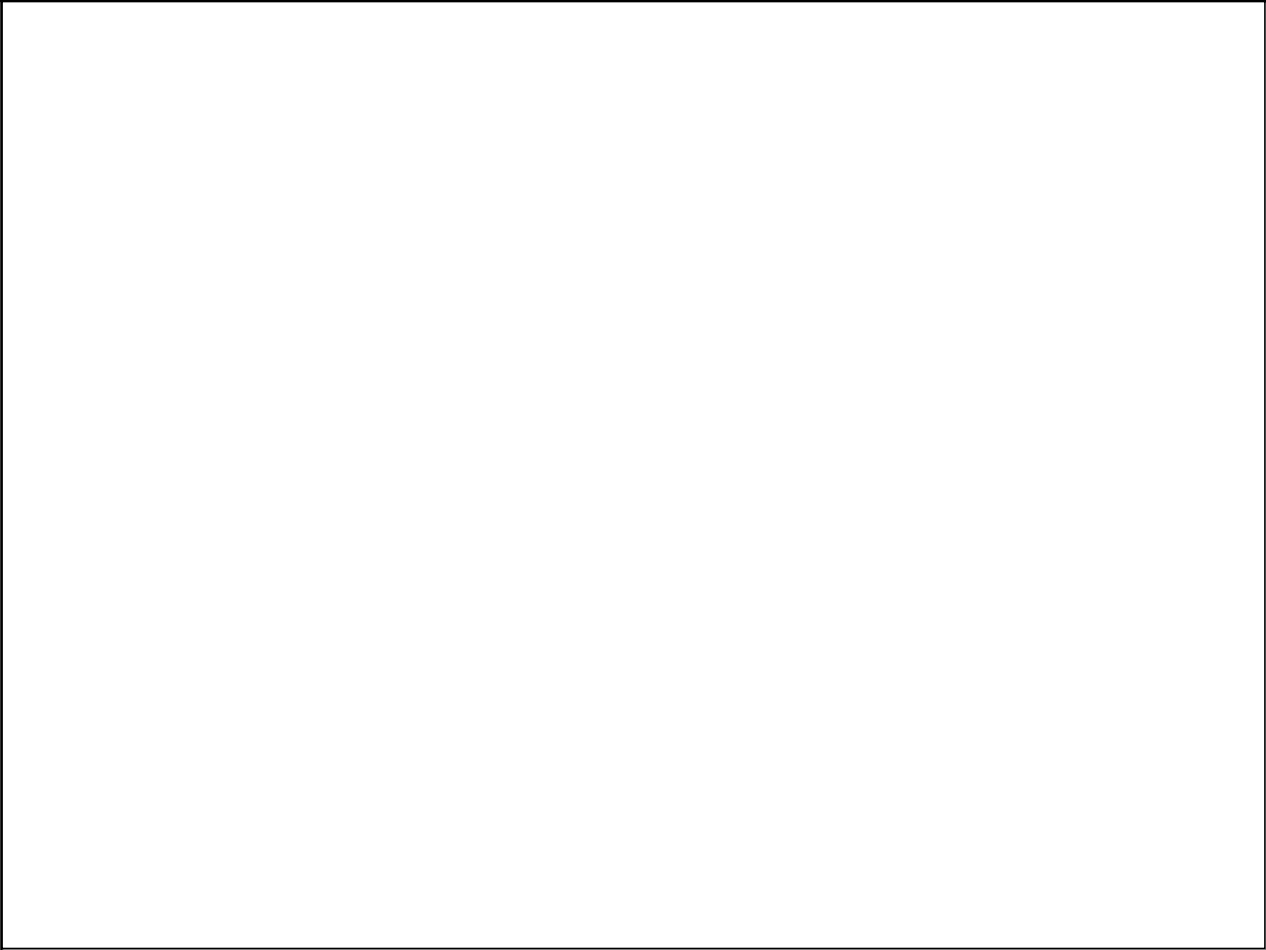
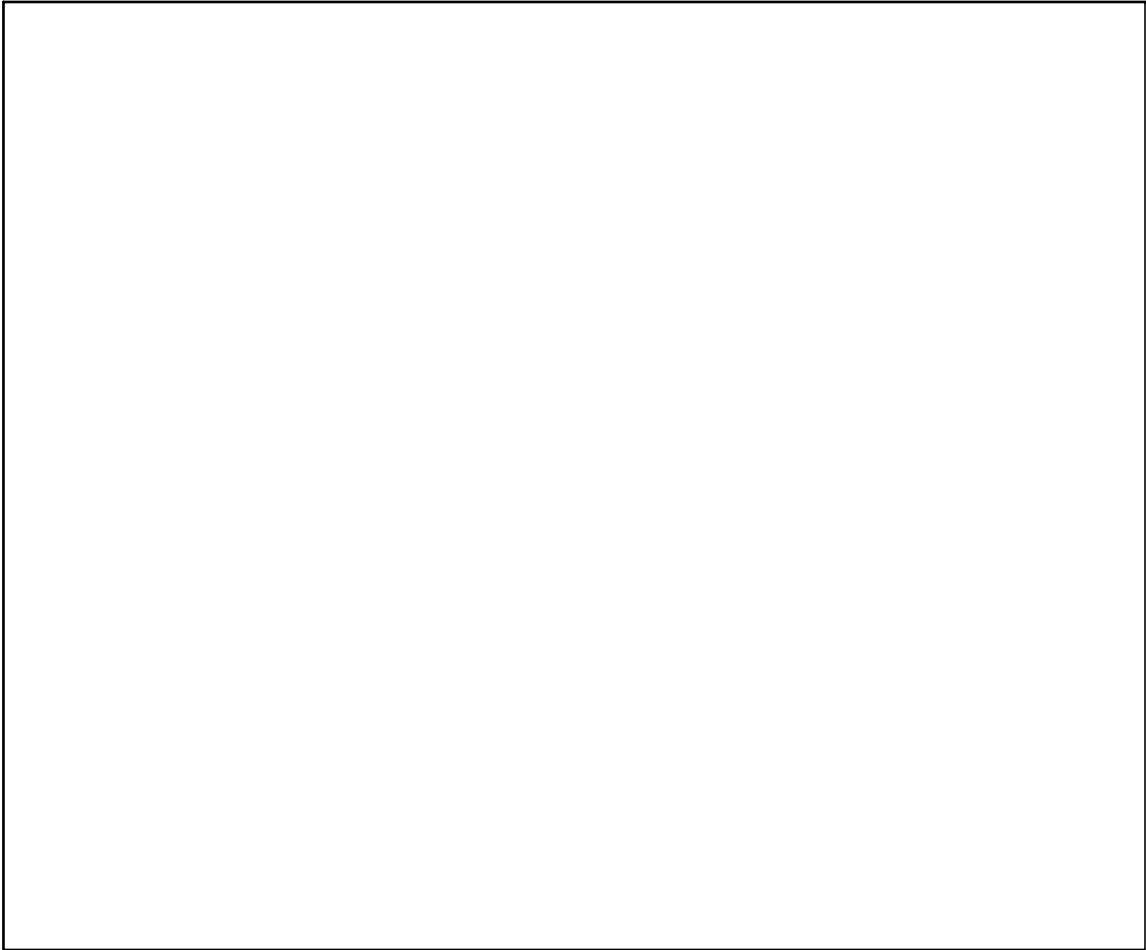
|   |  |  |  |
|---|--|--|--|
| <p>16.</p>  | <p>17.</p> $\frac{-2}{3} = \frac{-10}{t}$ $\frac{-2t}{-2} = \frac{-30}{-2}$ $t = 15$ | <p>18.</p> $\frac{4}{6} = \frac{x}{24}$ $\frac{6x}{6} = \frac{96}{6}$ $x = 16$ | <p>19.</p> $\frac{5}{3} = \frac{7}{10}$ $\frac{10s}{10} = \frac{21}{10}$ $s = 2.1$   |
| <p>20.</p> $\frac{4}{r} = \frac{10}{7}$ $4r = 90$ $\frac{4}{4} \frac{r}{4} = \frac{90}{4}$ $r = 22.5$ | <p>21.</p>   | <p>22.</p> $\frac{5}{4} = \frac{c}{12}$ $\frac{60}{4} = \frac{4c}{4}$ $c = 15$ | <p>23.</p> $\frac{-32}{h} = \frac{-1}{3}$ $\frac{-96}{-7} = \frac{-1h}{-7}$ $h = 96$ |

|  |  |   |            |
|--|--|---|------------|
| <p>24.</p> $\frac{2}{6} = \frac{p}{9}$ $18 = 6p$ $p = 3$ | <p>25.</p> $\frac{f}{6} = \frac{3}{4}$ $\frac{4f}{4} = \frac{18}{4}$ $f = 4.5$ | <p>26.</p> $\frac{15}{a} = \frac{3}{8}$ $\frac{120}{3} = \frac{3a}{3}$ $a = 40$ | <p>27.</p> |
| <p>28.</p>   | <p>29.</p>   | <p>30.</p> $\frac{3}{7} = \frac{5}{8}$ $\frac{24}{3} = \frac{5y}{5}$ $y = 4.8$  | <p>31.</p> |

|            |            |            |            |
|------------|------------|------------|------------|
| <p>32.</p> | <p>33.</p> | <p>34.</p> | <p>35.</p> |
|------------|------------|------------|------------|

|            |   |
|------------|---|
| <p>36.</p> | <p>37. <math>\frac{3}{6} = \frac{x-3}{8}</math><br/> <math>24 = 6(x-3)</math><br/> <math>24 = 6x - 18</math><br/> <math>\begin{array}{r} +18 \\ \hline 42 = 6x \\ \frac{6}{6} = \frac{6x}{6} \\ 7 = x \end{array}</math> <span style="color: red;">C</span></p> <p style="color: red;"><math>\frac{3}{6} = \frac{2-3}{8}</math><br/> <math>\frac{3}{6} = \frac{4}{8}</math><br/> <math>\frac{1}{2} = \frac{1}{2}</math></p> |
| <p>38.</p> | <p>39.</p>  |

|            |            |
|------------|------------|
| <p>40.</p> | <p>41.</p> |
| <p>42.</p> |            |



43.

44.

45.

$$\frac{18 \text{ mi}}{1 \text{ gal}}$$

$$\frac{\$1.85}{1 \text{ gal}}$$

$$\frac{18 \text{ mi}}{\$1.85}$$

$$\frac{\$.102\bar{7}}{1 \text{ mi}} = \frac{\$1.85}{18 \text{ mi}}$$