### Appendix A.2 Percent, Decimal, and Fraction Equivalents

<table>
<thead>
<tr>
<th>Percent</th>
<th>1%</th>
<th>5%</th>
<th>10%</th>
<th>12.5%</th>
<th>16.6%</th>
<th>20%</th>
<th>25%</th>
<th>30%</th>
<th>33.3%</th>
<th>37.5%</th>
<th>40%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1%</td>
<td>5%</td>
<td>10%</td>
<td>12.5%</td>
<td>16.6%</td>
<td>20%</td>
<td>25%</td>
<td>30%</td>
<td>33.3%</td>
<td>37.5%</td>
<td>40%</td>
</tr>
<tr>
<td>Decimal</td>
<td>0.01</td>
<td>0.05</td>
<td>0.1</td>
<td>0.125</td>
<td>0.16</td>
<td>0.2</td>
<td>0.25</td>
<td>0.3</td>
<td>0.33</td>
<td>0.375</td>
<td>0.4</td>
</tr>
<tr>
<td>Fraction</td>
<td>$\frac{1}{100}$</td>
<td>$\frac{1}{20}$</td>
<td>$\frac{1}{10}$</td>
<td>$\frac{1}{8}$</td>
<td>$\frac{1}{6}$</td>
<td>$\frac{1}{5}$</td>
<td>$\frac{1}{4}$</td>
<td>$\frac{3}{10}$</td>
<td>$\frac{1}{3}$</td>
<td>$\frac{3}{8}$</td>
<td>$\frac{2}{5}$</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Percent</th>
<th>50%</th>
<th>60%</th>
<th>62.5%</th>
<th>66.6%</th>
<th>70%</th>
<th>75%</th>
<th>80%</th>
<th>83.3%</th>
<th>87.5%</th>
<th>90%</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50%</td>
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<td>87.5%</td>
<td>90%</td>
<td>100%</td>
</tr>
<tr>
<td>Decimal</td>
<td>0.5</td>
<td>0.6</td>
<td>0.625</td>
<td>0.666</td>
<td>0.7</td>
<td>0.75</td>
<td>0.8</td>
<td>0.83</td>
<td>0.875</td>
<td>0.9</td>
<td>1</td>
</tr>
<tr>
<td>Fraction</td>
<td>$\frac{1}{2}$</td>
<td>$\frac{3}{5}$</td>
<td>$\frac{5}{8}$</td>
<td>$\frac{2}{3}$</td>
<td>$\frac{7}{10}$</td>
<td>$\frac{3}{4}$</td>
<td>$\frac{4}{5}$</td>
<td>$\frac{5}{6}$</td>
<td>$\frac{7}{8}$</td>
<td>$\frac{9}{10}$</td>
<td>1</td>
</tr>
</tbody>
</table>

### Appendix A.3 Finding Common Percents of a Number

<table>
<thead>
<tr>
<th>Common Percent Equivalences</th>
<th>Shortcut for Finding Percent</th>
<th>Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>1% = 0.01 = $\frac{1}{100}$</td>
<td>To find 1% of a number, divide the number by 100, which moves the decimal point two places to the left.</td>
<td>1% of 375 is 375 ÷ 100 or 3.75.</td>
</tr>
<tr>
<td>10% = 0.1 = $\frac{1}{10}$</td>
<td>To find 10% of a number, divide the number by 10, which moves the decimal point one place to the left.</td>
<td>10% of 82.5 is 82.5 ÷ 10 or 8.25.</td>
</tr>
<tr>
<td>25% = $\frac{1}{4}$</td>
<td>To find 25% of a number, find $\frac{1}{4}$ of the number, or divide the number by 4.</td>
<td>25% of 84 is 84 ÷ 4 or 21.</td>
</tr>
<tr>
<td>50% = $\frac{1}{2}$</td>
<td>To find 50% of a number, find $\frac{1}{2}$ of the number, or divide the number by 2.</td>
<td>50% of 3600 is 3600 ÷ 2 or 1800.</td>
</tr>
<tr>
<td>100% = 1</td>
<td>100% of a number is the number.</td>
<td>100% of 67.8 is 67.8.</td>
</tr>
<tr>
<td>200% = 2</td>
<td>To find 200% of a number, multiply the number by 2.</td>
<td>200% of 48 is 48 · 2 or 96.</td>
</tr>
</tbody>
</table>