

<p><b>Monday</b> Shown below are the ages of some friends.</p> <table border="1"> <thead> <tr> <th>Age</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>3</td> </tr> <tr> <td>8</td> <td>5</td> </tr> <tr> <td>9</td> <td>2</td> </tr> </tbody> </table> <p>Work out the mean</p>	Age	Frequency	7	3	8	5	9	2	<table border="1"> <thead> <tr> <th>Age</th> <th>Frequency</th> <th><math>f \times x</math></th> </tr> </thead> <tbody> <tr> <td>7</td> <td>3</td> <td>21</td> </tr> <tr> <td>8</td> <td>5</td> <td>40</td> </tr> <tr> <td>9</td> <td>+2</td> <td>+18</td> </tr> <tr> <td></td> <td>10</td> <td>79</td> </tr> </tbody> </table> <p><math>79 \div 10 = 7.9</math></p>	Age	Frequency	$f \times x$	7	3	21	8	5	40	9	+2	+18		10	79
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<p><b>Tuesday</b> Write these numbers in order of size. Start with the smallest number.</p> <p>60%    <math>\frac{1}{2}</math>    0.3    <math>\frac{3}{4}</math>    0.4</p>	<p>60%    <math>\frac{1}{2}</math>    0.3    <math>\frac{3}{4}</math>    0.4  0.60    0.50    0.30    0.75    0.40</p> <p>In order  0.3, 0.4, <math>\frac{1}{2}</math>, 60%, <math>\frac{3}{4}</math></p>																							
<p><b>Wednesday</b> Simplify <math>4x + 3y - 2x + 5y</math></p>	$4x + 3y - 2x + 5y$ $= 4x - 2x + 3y + 5y$ $= 2x + 8y$																							
<p><b>Thursday</b> If £1 is \$1.50</p> <ol style="list-style-type: none"> <li>Change £4 into dollars.</li> <li>Change £100 into dollars.</li> <li>Change \$4.50 into pounds.</li> <li>Change \$30 into pounds.</li> </ol>	<ol style="list-style-type: none"> <li><math>4 \times 1.50 = \\$6</math></li> <li><math>100 \times 1.50 = \\$150</math></li> <li><math>4.50 \div 1.50 = \pounds 3</math></li> <li><math>30 \div 1.50 = \pounds 20</math></li> </ol>																							
<p><b>Friday</b> Each member of a club is going to receive a badge. There are 140 members. The badges are sold in packs of 9. Work out the least number of packs of badges that need to be bought.</p>	$140 \div 9 = 15.5 \dots$ <p>So 16 bags must be bought</p>																							
<p><b>Saturday</b> Work out</p> <p><math>\frac{2}{7} \times \frac{1}{3}</math>      b. <math>\frac{4}{7} \div \frac{4}{5}</math></p>	$\frac{2}{7} \times \frac{1}{3} = \frac{2}{21}$ $\frac{4}{7} \times \frac{5}{4} = \frac{5}{7}$																							
<p><b>Sunday</b> Work out <math>12^4</math></p>	$12^4$ $= 12 \times 12 \times 12 \times 12$ $= 20736$																							