
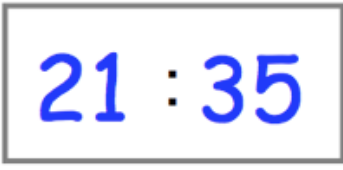
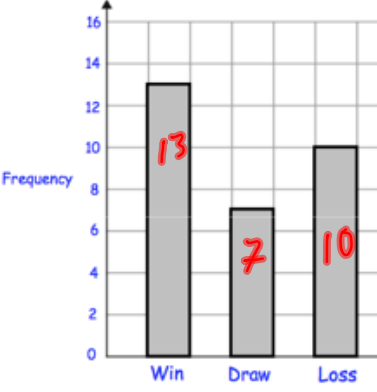
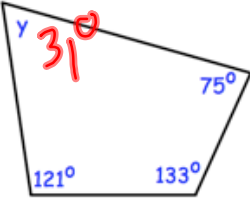
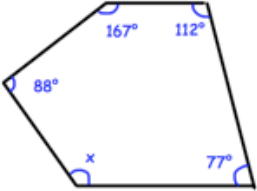


Name: _____

| September 28th | 5-a-day | Numeracy | | | | | | | | |
|---|---|-----------|-----|----|------|---|------|----|---|---|
| <p>Kevin arrives at school at twenty to nine.</p> <p>Complete the 24-hour digital clock to show this time.</p> |  <p>08 : 40</p> | | | | | | | | | |
| <p>A 24-hour digital clock shows</p>  <p>21 : 35</p> | <p>What would the time be if it were shown on a 12-hour clock?</p> <p>9 : 35pm</p> | | | | | | | | | |
|  <p>Frequency</p> <table border="1"><thead><tr><th>Result</th><th>Frequency</th></tr></thead><tbody><tr><td>Win</td><td>13</td></tr><tr><td>Draw</td><td>7</td></tr><tr><td>Loss</td><td>10</td></tr></tbody></table> | Result | Frequency | Win | 13 | Draw | 7 | Loss | 10 | <p>How many matches did the team win?</p> <p>13</p> | <p>How many matches did the team play in total?</p> <p>30</p> |
| Result | Frequency | | | | | | | | | |
| Win | 13 | | | | | | | | | |
| Draw | 7 | | | | | | | | | |
| Loss | 10 | | | | | | | | | |
| <p>Work out 20% of 90</p> <p>18</p> | <p>Work out 75% of 40</p> <p>30</p> | | | | | | | | | |

Name: _____

| September 28 | 5-a-day | Foundation |
|---|---|------------|
| $\frac{3}{4} - \frac{2}{5}$ | $\frac{15}{20} - \frac{8}{20} = \frac{7}{20}$ | |
| Calculate y $\begin{array}{r} 133 \\ 121 \\ \underline{75} \\ 329 \end{array}$ |  <p>A quadrilateral with interior angles labeled 121°, 133°, 75°, and y.</p> | |
|  <p>A quadrilateral with interior angles labeled 167°, 112°, 88°, x, and 77°.</p> | Calculate x $x = 96^\circ$ | |
| Solve $5x + 2 = 72$ $5x = 70$ $x = 14$ | | |
| Solve $7x + 2 = 5x + 20$ $2x = 18$ $x = 9$ | | |

Name: _____

| September 28 | 5-a-day | Higher |
|---|---|--------|
| Find the gradient of the line with equation $y = 5x - 2$ <div style="text-align: center; color: red; font-size: 2em;">5</div> | | |
| Solve $x^2 + 6x + 5 = 0$ <div style="color: red; font-size: 1.5em;"> $(x+1)(x+5) = 0$ $x = -1$ or $x = -5$ </div> | | |
| Simplify <div style="font-size: 1.5em;"> $\frac{2\pi}{9} + \frac{\pi}{4}$ </div> | <div style="color: red; font-size: 1.5em;"> $\frac{8\pi}{36} + \frac{9\pi}{36}$ $\frac{17\pi}{36}$ </div> | |
| Solve <div style="font-size: 1.5em; color: blue;"> $\frac{9}{x+2} = x+2$ </div> | <div style="color: red; font-size: 1.5em;"> $9 = x^2 + 4x + 4$ $0 = x^2 + 4x - 5$ $(x+5)(x-1) = 0$ $x = -5$ or $x = 1$ </div> | |
| Show that $(\sqrt{2} + 3\sqrt{8})^2 = 98$ <div style="color: red; font-size: 1.5em;"> $(\sqrt{2} + 3\sqrt{8})(\sqrt{2} + 3\sqrt{8})$ $2 + 3\sqrt{16} + 3\sqrt{16} + 9 \times 8$ $2 + 12 + 12 + 72$ </div> | <div style="color: red; font-size: 2em; text-align: center;">98</div> <div style="color: red; font-size: 1.5em; text-align: center;">QED</div> | |