

<b>Question 1</b> Estimate $258 \times 27 =$  <b>9000</b>	<b>Question 2</b> Estimate $60 \times 47 =$  <b>3000</b>	<b>Question 3</b> Work out  <b><math>5/54</math></b>	<b>Question 4</b> Work out  <b><math>6/77</math></b>
<b>Question 5</b> Work out $\pounds 368.80 \div 8$  <b><math>\pounds 46.10</math></b>	<b>Question 6</b> Work out $\pounds 585.60 \div 6$  <b><math>\pounds 97.60</math></b>	<b>Question 7</b> Expand $4x(7x-11)$  <b><math>28x^2 - 44x</math></b>	<b>Question 8</b> Expand $3x(7-5x)$  <b><math>21x - 15x^2</math></b>
<b>Question 9</b> Express 31% as a fraction in its lowest form  <b><math>31/100</math></b>	<b>Question 10</b> Express 39% as a fraction in its lowest form  <b><math>39/100</math></b>	<b>Question 11</b> Find the highest common factor of 30 and 120  <b>30</b>	<b>Question 12</b> Find the lowest common multiple of 32 and 12  <b>96</b>
<b>Question 13</b> Work out $72 \div -8 =$  <b>-9</b>	<b>Question 14</b> Work out $-20 \div -2 =$  <b>10</b>	<b>Question 15</b> Complete the ratio $8 : 44 = 1 : ?$  <b>5.5</b>	<b>Question 16</b> Complete the ratio $4 : 40 = 1 : ?$  <b>10</b>
<b>Question 17</b> Solve $8x + 3 = 3x + 18$  <b><math>x = 3</math></b>	<b>Question 18</b> Solve $5x - 1 = 3x + 9$  <b><math>x = 5</math></b>	<b>Question 19</b> Express 660 as a product of prime factors  <b><math>2^2 \times 3 \times 5 \times 11</math></b>	<b>Question 20</b> Express 28 as a product of prime factors  <b><math>2^2 \times 7</math></b>



<b>Question 1</b> Estimate $29 \times 71 =$  <b>2100</b>	<b>Question 2</b> Estimate $18254 \div 29 =$  <b>600</b>	<b>Question 3</b> Work out  <b><math>\frac{4}{15}</math></b>	<b>Question 4</b> Work out  <b><math>\frac{3}{8}</math></b>
<b>Question 5</b> Work out $\text{£}393 \div 6$  <b><math>\text{£}65.50</math></b>	<b>Question 6</b> Work out $\text{£}193.50 \div 3$  <b><math>\text{£}64.50</math></b>	<b>Question 7</b> Expand $2x(11x + 1)$  <b><math>22x^2 + 2x</math></b>	<b>Question 8</b> Expand $2x(3x - 5)$  <b><math>6x^2 - 10x</math></b>
<b>Question 9</b> Express 50% as a fraction in its lowest form  <b><math>\frac{1}{2}</math></b>	<b>Question 10</b> Express 85% as a fraction in its lowest form  <b><math>\frac{17}{20}</math></b>	<b>Question 11</b> Find the highest common factor of 6 and 15  <b>3</b>	<b>Question 12</b> Find the lowest common multiple of 40 and 30  <b>120</b>
<b>Question 13</b> Work out $4 \div -1 =$  <b>-4</b>	<b>Question 14</b> Work out $-40 \div -4 =$  <b>10</b>	<b>Question 15</b> Complete the ratio $6 : 48 = 1 : ?$  <b>8</b>	<b>Question 16</b> Complete the ratio $8 : 36 = 1 : ?$  <b>4.5</b>
<b>Question 17</b> Solve $6x + 1 = 4x - 1$  <b><math>x = -1</math></b>	<b>Question 18</b> Solve $4x - 1 = 3x + 3$  <b><math>x = 4</math></b>	<b>Question 19</b> Express 135 as a product of prime factors  <b><math>3^3 \times 5</math></b>	<b>Question 20</b> Express 8 as a product of prime factors  <b><math>2^3</math></b>



<b>Question 1</b> Estimate $3755 - 3062 =$  <p style="text-align: center;"><b>1000</b></p>	<b>Question 2</b> Estimate $4249 - 1546 =$  <p style="text-align: center;"><b>2000</b></p>	<b>Question 3</b> Work out  <p style="text-align: center;"><b><math>1/3</math></b></p>	<b>Question 4</b> Work out  <p style="text-align: center;"><b><math>5/16</math></b></p>
<b>Question 5</b> Work out $£536.90 \div 7$  <p style="text-align: center;"><b>£76.70</b></p>	<b>Question 6</b> Work out $£306 \div 4$  <p style="text-align: center;"><b>£76.50</b></p>	<b>Question 7</b> Expand $5x(3 - 2x)$  <p style="text-align: center;"><b><math>15x - 10x^2</math></b></p>	<b>Question 8</b> Expand $5x(2x - 5)$  <p style="text-align: center;"><b><math>10x^2 - 25x</math></b></p>
<b>Question 9</b> Express 70% as a fraction in its lowest form  <p style="text-align: center;"><b><math>7/10</math></b></p>	<b>Question 10</b> Express 76% as a fraction in its lowest form  <p style="text-align: center;"><b><math>19/25</math></b></p>	<b>Question 11</b> Find the highest common factor of 16 and 32  <p style="text-align: center;"><b>16</b></p>	<b>Question 12</b> Find the lowest common multiple of 36 and 72  <p style="text-align: center;"><b>72</b></p>
<b>Question 13</b> Work out $20 \div -5 =$  <p style="text-align: center;"><b>-4</b></p>	<b>Question 14</b> Work out $-8 \times -5 =$  <p style="text-align: center;"><b>40</b></p>	<b>Question 15</b> Complete the ratio $16 : 64 = 1 : ?$  <p style="text-align: center;"><b>4</b></p>	<b>Question 16</b> Complete the ratio $6 : 30 = 1 : ?$  <p style="text-align: center;"><b>5</b></p>
<b>Question 17</b> Solve $7x + 2 = 4x - 10$  <p style="text-align: center;"><b><math>x = -4</math></b></p>	<b>Question 18</b> Solve $4x - 4 = 3x - 3.5$  <p style="text-align: center;"><b><math>x = 0.5</math></b></p>	<b>Question 19</b> Express 420 as a product of prime factors  <p style="text-align: center;"><b><math>2^2 \times 3 \times 5 \times 7</math></b></p>	<b>Question 20</b> Express 144 as a product of prime factors  <p style="text-align: center;"><b><math>2^4 \times 3^2</math></b></p>



<b>Question 1</b> Estimate $20 \times 54 =$  <b>1000</b>	<b>Question 2</b> Estimate $123 \times 49 =$  <b>5000</b>	<b>Question 3</b> Work out  <b>5/12</b>	<b>Question 4</b> Work out  <b>21/40</b>
<b>Question 5</b> Work out $\text{£}311 \div 5$  <b>£62.20</b>	<b>Question 6</b> Work out $\text{£}375.60 \div 6$  <b>£62.60</b>	<b>Question 7</b> Expand $5x(3 + 2x)$  <b><math>15x + 10x^2</math></b>	<b>Question 8</b> Expand $4x(5x - 2)$  <b><math>20x^2 - 8x</math></b>
<b>Question 9</b> Express 24% as a fraction in its lowest form  <b>6/25</b>	<b>Question 10</b> Express 27% as a fraction in its lowest form  <b>27/100</b>	<b>Question 11</b> Find the highest common factor of 126 and 140  <b>14</b>	<b>Question 12</b> Find the lowest common multiple of 30 and 40  <b>120</b>
<b>Question 13</b> Work out $2 \times -1 =$  <b>-2</b>	<b>Question 14</b> Work out $10 \times -1 =$  <b>-10</b>	<b>Question 15</b> Complete the ratio $12 : 48 = 1 : ?$  <b>4</b>	<b>Question 16</b> Complete the ratio $8 : 24 = 1 : ?$  <b>3</b>
<b>Question 17</b> Solve $6x + 2 = 2x - 14$  <b><math>x = -4</math></b>	<b>Question 18</b> Solve $3x + 5 = 2x + 7$  <b><math>x = 2</math></b>	<b>Question 19</b> Express 108 as a product of prime factors  <b><math>2^2 \times 3^3</math></b>	<b>Question 20</b> Express 44 as a product of prime factors  <b><math>2^2 \times 11</math></b>



<b>Question 1</b> Estimate $5902 + 3985 =$  <b>10000</b>	<b>Question 2</b> Estimate $45 \times 56 =$  <b>3000</b>	<b>Question 3</b> Work out  <b><math>1/16</math></b>	<b>Question 4</b> Work out  <b><math>1/3</math></b>
<b>Question 5</b> Work out $£223.50 \div 5$  <b>£44.70</b>	<b>Question 6</b> Work out $£297.20 \div 4$  <b>£74.30</b>	<b>Question 7</b> Expand $6x(2x + 11)$  <b><math>12x^2 + 66x</math></b>	<b>Question 8</b> Expand $5x(2x - 3)$  <b><math>10x^2 - 15x</math></b>
<b>Question 9</b> Express 93% as a fraction in its lowest form  <b><math>93/100</math></b>	<b>Question 10</b> Express 91% as a fraction in its lowest form  <b><math>91/100</math></b>	<b>Question 11</b> Find the highest common factor of 120 and 135  <b>15</b>	<b>Question 12</b> Find the lowest common multiple of 20 and 30  <b>60</b>
<b>Question 13</b> Work out $10 \times -1 =$  <b>-10</b>	<b>Question 14</b> Work out $81 \div -9 =$  <b>-9</b>	<b>Question 15</b> Complete the ratio $12 : 48 = 1 : ?$  <b>4</b>	<b>Question 16</b> Complete the ratio $6 : 36 = 1 : ?$  <b>6</b>
<b>Question 17</b> Solve $4x - 5 = 3x - 3$  <b><math>x = 2</math></b>	<b>Question 18</b> Solve $4x + 3 = 3x - 2$  <b><math>x = -5</math></b>	<b>Question 19</b> Express 24 as a product of prime factors  <b><math>2^3 \times 3</math></b>	<b>Question 20</b> Express 54 as a product of prime factors  <b><math>2 \times 3^3</math></b>





<b>Question 1</b> Estimate $17671 \div 93 =$  <b>200</b>	<b>Question 2</b> Estimate $4122 \div 19 =$  <b>200</b>	<b>Question 3</b> Work out  <b><math>\frac{4}{9}</math></b>	<b>Question 4</b> Work out  <b><math>\frac{1}{4}</math></b>
<b>Question 5</b> Work out $\pounds 538.30 \div 7$  <b><math>\pounds 76.90</math></b>	<b>Question 6</b> Work out $\pounds 150.60 \div 2$  <b><math>\pounds 75.30</math></b>	<b>Question 7</b> Expand $5x(7 + 5x)$  <b><math>35x + 25x^2</math></b>	<b>Question 8</b> Expand $3x(11x + 3)$  <b><math>33x^2 + 9x</math></b>
<b>Question 9</b> Express 86% as a fraction in its lowest form  <b><math>\frac{43}{50}</math></b>	<b>Question 10</b> Express 80% as a fraction in its lowest form  <b><math>\frac{4}{5}</math></b>	<b>Question 11</b> Find the highest common factor of 30 and 60  <b>30</b>	<b>Question 12</b> Find the lowest common multiple of 28 and 35  <b>140</b>
<b>Question 13</b> Work out $7 \times -6 =$  <b>-42</b>	<b>Question 14</b> Work out $4 \times -1 =$  <b>-4</b>	<b>Question 15</b> Complete the ratio $10 : 35 = 1 : ?$  <b>3.5</b>	<b>Question 16</b> Complete the ratio $4 : 32 = 1 : ?$  <b>8</b>
<b>Question 17</b> Solve $5x + 4 = 4x + 9$  <b><math>x = 5</math></b>	<b>Question 18</b> Solve $4x + 0 = 3x + 2$  <b><math>x = 2</math></b>	<b>Question 19</b> Express 504 as a product of prime factors  <b><math>2^3 \times 3^2 \times 7</math></b>	<b>Question 20</b> Express 210 as a product of prime factors  <b><math>2 \times 3 \times 5 \times 7</math></b>



<b>Question 1</b> Estimate $9889 - 7344 =$  <p style="text-align: center;"><b>3000</b></p>	<b>Question 2</b> Estimate $78 \times 33 =$  <p style="text-align: center;"><b>2400</b></p>	<b>Question 3</b> Work out  <p style="text-align: center;"><b><math>\frac{21}{55}</math></b></p>	<b>Question 4</b> Work out  <p style="text-align: center;"><b><math>\frac{1}{5}</math></b></p>
<b>Question 5</b> Work out $\text{£}436.10 \div 7$  <p style="text-align: center;"><b><math>\text{£}62.30</math></b></p>	<b>Question 6</b> Work out $\text{£}126.30 \div 3$  <p style="text-align: center;"><b><math>\text{£}42.10</math></b></p>	<b>Question 7</b> Expand $2x(5x - 1)$  <p style="text-align: center;"><b><math>10x^2 - 2x</math></b></p>	<b>Question 8</b> Expand $2x(1 - 7x)$  <p style="text-align: center;"><b><math>2x - 14x^2</math></b></p>
<b>Question 9</b> Express 59% as a fraction in its lowest form  <p style="text-align: center;"><b><math>\frac{59}{100}</math></b></p>	<b>Question 10</b> Express 98% as a fraction in its lowest form  <p style="text-align: center;"><b><math>\frac{49}{50}</math></b></p>	<b>Question 11</b> Find the highest common factor of 120 and 105  <p style="text-align: center;"><b>15</b></p>	<b>Question 12</b> Find the lowest common multiple of 30 and 36  <p style="text-align: center;"><b>180</b></p>
<b>Question 13</b> Work out $90 \div -10 =$  <p style="text-align: center;"><b>-9</b></p>	<b>Question 14</b> Work out $-24 \div -4 =$  <p style="text-align: center;"><b>6</b></p>	<b>Question 15</b> Complete the ratio $5 : 25 = 1 : ?$  <p style="text-align: center;"><b>5</b></p>	<b>Question 16</b> Complete the ratio $4 : 16 = 1 : ?$  <p style="text-align: center;"><b>4</b></p>
<b>Question 17</b> Solve $8x + 2 = 6x - 2$  <p style="text-align: center;"><b><math>x = -2</math></b></p>	<b>Question 18</b> Solve $3x - 3 = 2x - 4$  <p style="text-align: center;"><b><math>x = -1</math></b></p>	<b>Question 19</b> Express 96 as a product of prime factors  <p style="text-align: center;"><b><math>2^5 \times 3</math></b></p>	<b>Question 20</b> Express 180 as a product of prime factors  <p style="text-align: center;"><b><math>2^2 \times 3^2 \times 5</math></b></p>

