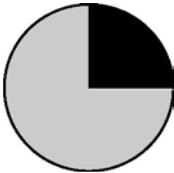
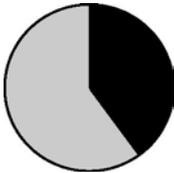


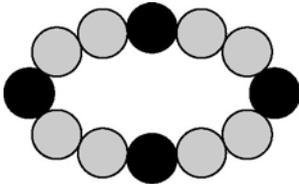
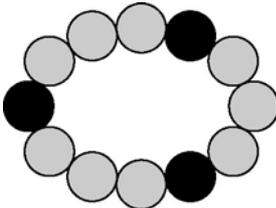
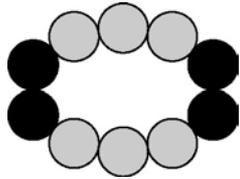
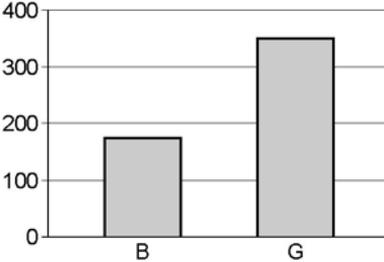
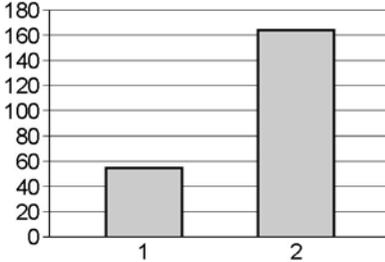
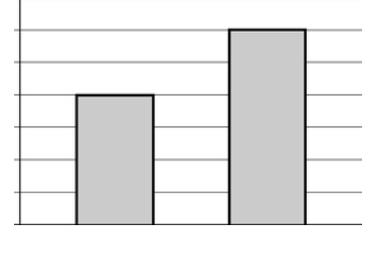
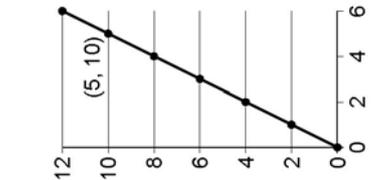
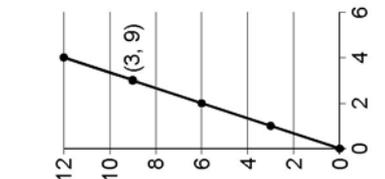
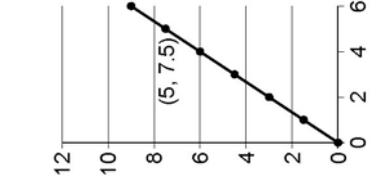
# Cards A-X

P1a

<p>A</p> <p style="text-align: center;"><b>1 : 2</b></p>	<p>B</p> <p style="text-align: center;"><b>1 : 3</b></p>	<p>C</p> <p style="text-align: center;"><b>2 : 3</b></p>
<p>D</p> <p style="text-align: center;"><math>\frac{1}{2}</math></p>	<p>E</p> <p style="text-align: center;"><math>\frac{1}{3}</math></p>	<p>F</p> <p style="text-align: center;"><math>\frac{2}{3}</math></p>
<p>G</p> <p style="text-align: center;"><b>2</b></p>	<p>H</p> <p style="text-align: center;"><b>3</b></p>	<p>I</p> <p style="text-align: center;"><math>\frac{3}{2}</math></p>
<p>J</p> <p style="text-align: center;"><b>0.5</b></p>	<p>K</p> <p style="text-align: center;"><b>0.<math>\dot{3}</math></b></p>	<p>L</p> <p style="text-align: center;"><b>0.<math>\dot{6}</math></b></p>
<p>M</p> <p style="text-align: center;"><b>50%</b></p>	<p>N</p> <p style="text-align: center;"><b>33<math>\frac{1}{3}</math>%</b></p>	<p>O</p> <p style="text-align: center;"><b>66<math>\frac{2}{3}</math>%</b></p>
<p>P</p> <p style="text-align: center;"><b>200%</b></p>	<p>Q</p> <p style="text-align: center;"><b>300%</b></p>	<p>R</p> <p style="text-align: center;"><b>150%</b></p>
<p>S</p> <p style="text-align: center;">134 cm</p>  <p style="text-align: right;">67 cm</p>	<p>T</p> <p style="text-align: center;"><math>5\frac{1}{4}</math>m</p>  <p style="text-align: right;"><math>1\frac{3}{4}</math>m</p>	<p>U</p> <p style="text-align: center;">6x</p>  <p style="text-align: right;">4x</p>
<p>V</p> 	<p>W</p> 	<p>X</p> 

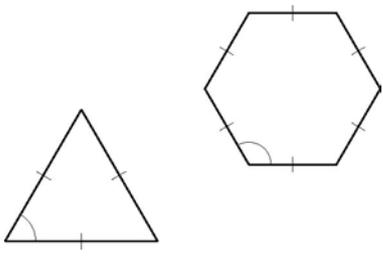
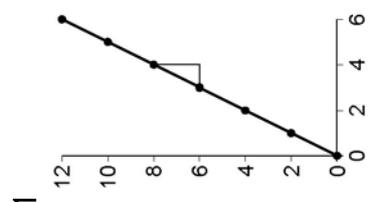
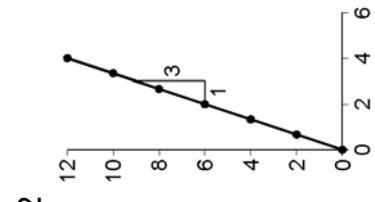
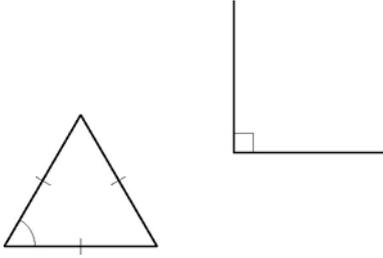
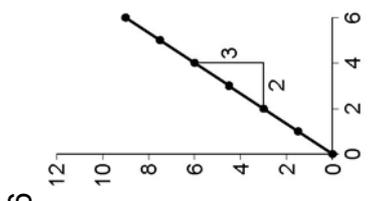
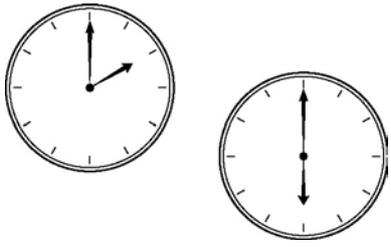
# Cards 1-18

P1b

<p>1</p> 	<p>2</p> 	<p>3</p> 																														
<p>4</p> <table border="1" data-bbox="228 584 612 757"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>0.25</td> <td>0.5</td> </tr> <tr> <td>3</td> <td>6</td> </tr> <tr> <td>5</td> <td>10</td> </tr> <tr> <td>12.1</td> <td>24.2</td> </tr> </tbody> </table>	x	y	0.25	0.5	3	6	5	10	12.1	24.2	<p>5</p> <table border="1" data-bbox="647 584 1032 757"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>0.25</td> <td>0.75</td> </tr> <tr> <td>3</td> <td>9</td> </tr> <tr> <td>5</td> <td>15</td> </tr> <tr> <td>12.1</td> <td>36.3</td> </tr> </tbody> </table>	x	y	0.25	0.75	3	9	5	15	12.1	36.3	<p>6</p> <table border="1" data-bbox="1069 584 1453 757"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>0.25</td> <td>0.375</td> </tr> <tr> <td>3</td> <td>4.5</td> </tr> <tr> <td>5</td> <td>7.5</td> </tr> <tr> <td>12.1</td> <td>18.15</td> </tr> </tbody> </table>	x	y	0.25	0.375	3	4.5	5	7.5	12.1	18.15
x	y																															
0.25	0.5																															
3	6																															
5	10																															
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0.25	0.375																															
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12.1	18.15																															
<p>7</p> 	<p>8</p> 	<p>9</p> 																														
<p>10</p> 	<p>11</p> <p>A child's portion at a restaurant costs £1.65. The adult's portion costs £4.95.</p>	<p>12</p> <p>A shop has a special offer on chocolate bars: 'Buy two, get one free!'</p>																														
<p>13</p> <p>A recipe for jam uses 50 g of fruit for every 100 g of jam.</p>	<p>14</p> 	<p>15</p> <p>The area of one square is 4 cm<sup>2</sup>. The area of another square is 9 cm<sup>2</sup>.</p>																														
<p>16</p> <p>Mobile phone bill</p> <table border="1" data-bbox="228 1816 612 1944"> <thead> <tr> <th>Duration h:min:s</th> <th>Charge £</th> </tr> </thead> <tbody> <tr> <td>00:30:00</td> <td>0.60</td> </tr> </tbody> </table> <p>Cost per minute?</p>	Duration h:min:s	Charge £	00:30:00	0.60	<p>17</p> <p>A cat eats 4 tins of cat food in 12 days. How many tins does the cat eat each day?</p>	<p>18</p> 																										
Duration h:min:s	Charge £																															
00:30:00	0.60																															

# Cards 19–27 (extension)

**P1c**

<p>19</p> 	<p>20</p> $y = 3x$	<p>21</p> 
<p>22</p> 	<p>23</p> 	<p>24</p> $y = 2x$
<p>25</p> $2y = 3x$	<p>26</p> 	<p>27</p> 

# Think links

Name \_\_\_\_\_

School \_\_\_\_\_

Choose three cards with a very obvious link that you can explain easily.

--	--	--

Write a sentence that describes how you think the cards are linked.

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Choose three cards that you think are linked but which you had difficulty in linking at first. (One of these can be a card you designed.)

--	--	--

Try to explain the link. Don't worry if you find this difficult.

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# How well am I doing?

Name \_\_\_\_\_

School \_\_\_\_\_

---

**I can identify the necessary information to solve a problem involving ratio and proportion** (tick a box):

- on my own
- with some help

---

**I can use logical argument to establish the truth of a statement** (tick a box):

- on my own
- with some help

---

## My next target

I want to get better at:

---

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