



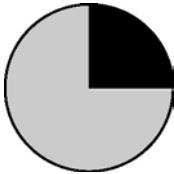



A $1 : 2$	B $1 : 3$	C $2 : 3$
D $\frac{1}{2}$	E $\frac{1}{3}$	F $\frac{2}{3}$
G $2$	H $3$	I $\frac{3}{2}$
J $0.5$	K $0.\dot{3}$	L $0.\dot{6}$
M $50\%$	N $33\frac{1}{3}\%$	O $66\frac{2}{3}\%$
P $200\%$	Q $300\%$	R $150\%$
S <div> <div>134 cm</div>  <div>67 cm</div> </div>	T <div> <div><math>5\frac{1}{2}\text{m}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

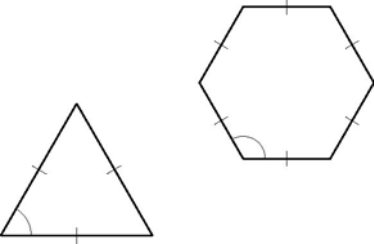
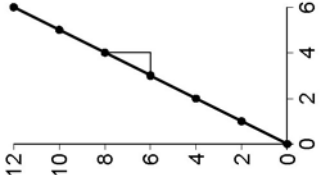
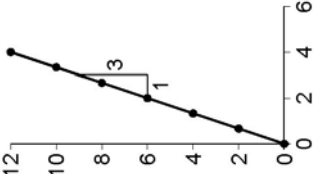
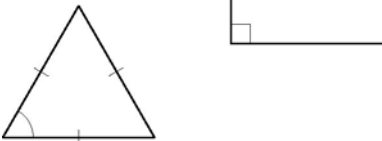
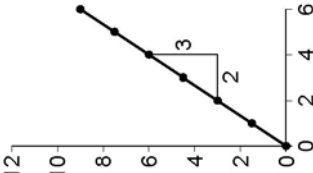
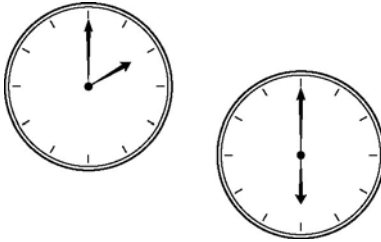
# Cards 1–18

P1b

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

**Cards 19–27 (extension)**

**P1c**

19 	20 $y = 3x$	21 
22 	23 	24 $y = 2x$
25 $2y = 3x$	26 	27 

# 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 \_\_\_\_\_

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

☐ on my own

☐ with some help

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

☐ on my own

☐ with some help

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**My next target**

I want to get better at:

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