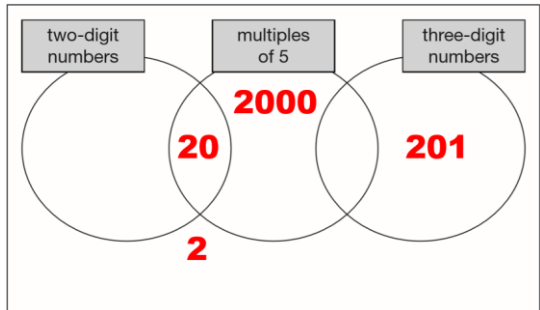




220 millilitres

$\frac{1}{4}$, $\frac{1}{5}$ and $\frac{1}{20}$ in any order



78 degrees



any answer between 270 and 280 (inclusive)

£135

Sam is wrong.

They have the same area but not the same perimeter.

The second rectangle has a larger perimeter because the distance around the outside of the rectangle is 2 cm longer.



7, 8 and 9 in any order

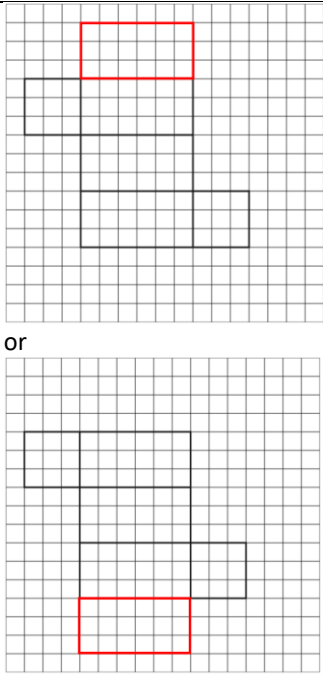
40p



28 percent

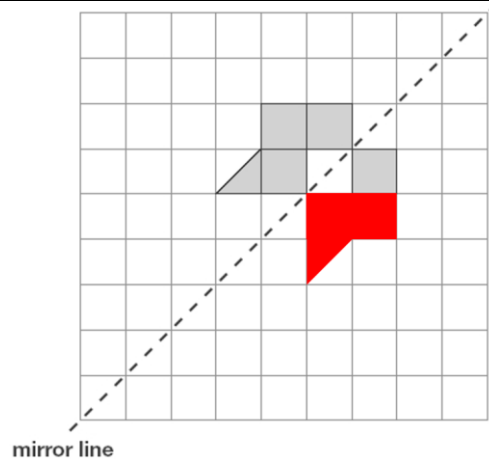
800 ml



 20 020 (can also be written 20,020 or 20020)	42 
 $\frac{1}{4}$ matched to 25% $\frac{1}{10}$ matched to 10%	12 cm ² 
 Wednesday 6 degrees	 
 84 97	(10, 7), (10, 10) and (12, 7) 
 3360	35% 



4 and 800



- 1) Tick
- 2) Cross
- 3) Cross
- 4) Tick

Many possible solutions



÷

42, 63 and 77 circled



7 grams

8



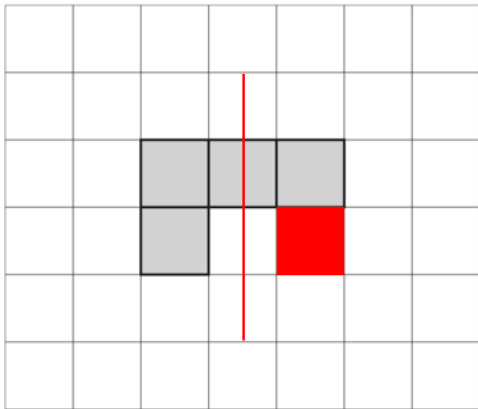
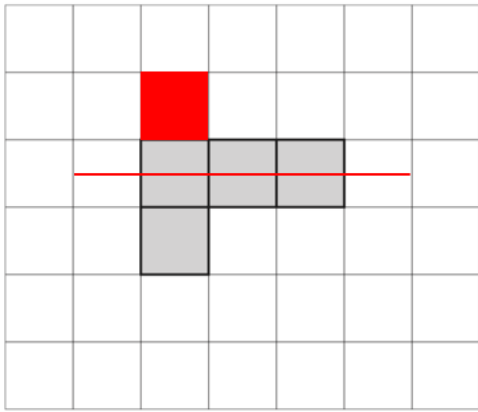
99

£0.37 or 37p





Squares shaded as below, lines of symmetry do not need to be drawn.



rectangle
kite
square



50°C

45%



5 x 3 x 3 x 2 (numbers written in any order)
or 5 x 3² x 2 (numbers written in any order)

190° circled

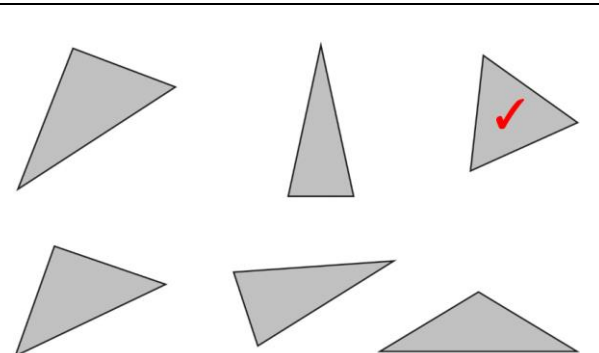


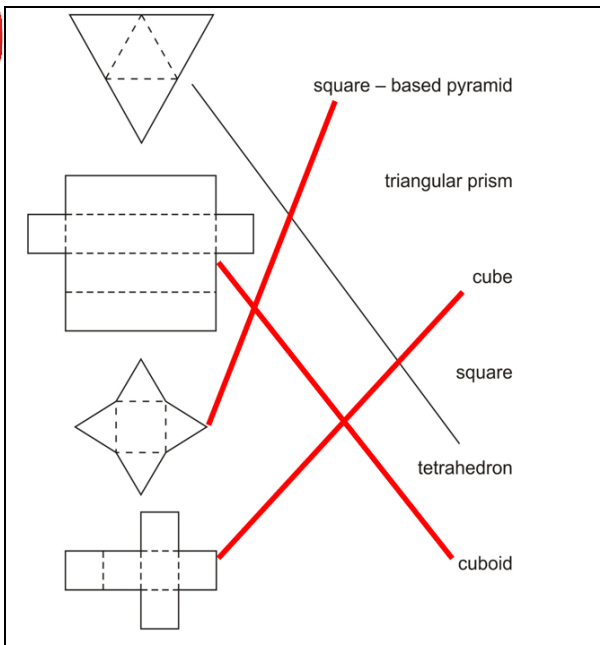
709

82



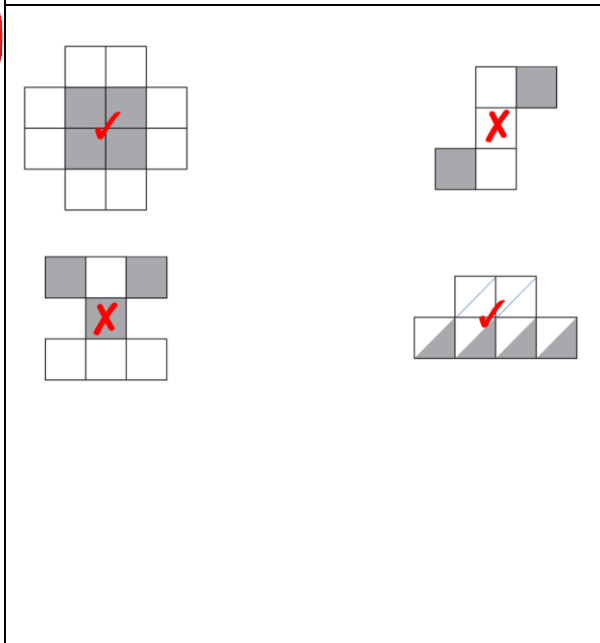
105 crossed out





2 ½ kg or 2.5 kg or 2500 g

5 kg



(5, 2)



Many possible answers

B, C



1 ½ kg or 1.5 kg

4 cm



Megan is wrong.
Any explanation which recognises that one quarter of 240 is more than one half of 80

50



(There are other possible solutions for this question.)



(There are other possible solutions for this question.)

92°C hottest
73°C
37°C
12°C
-2°C
-12°C coldest

Faces: 8
Edges: 12

$\frac{4}{2}$ $\frac{2}{5}$ $\frac{10}{3}$ $\frac{6}{4}$ $\frac{4}{10}$
 $\frac{6}{4}$
 $\frac{2}{5}$ and $\frac{4}{10}$

A = 5 cm
B = 15 cm

20,999
38,001

$\frac{5}{8}$ circled



1975 (accept 1974 or 1976)

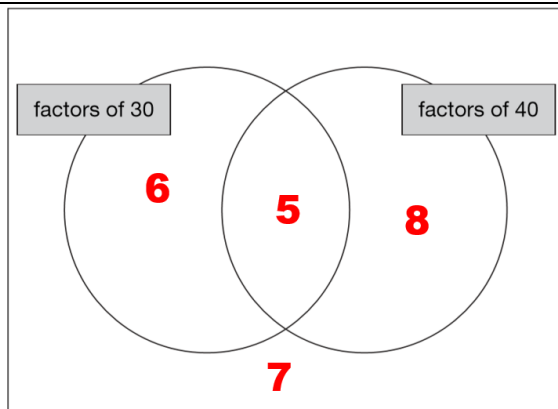
Any answer between 130,000 and 180,000 inclusive

Any answer between 511,000 and 549,000

38

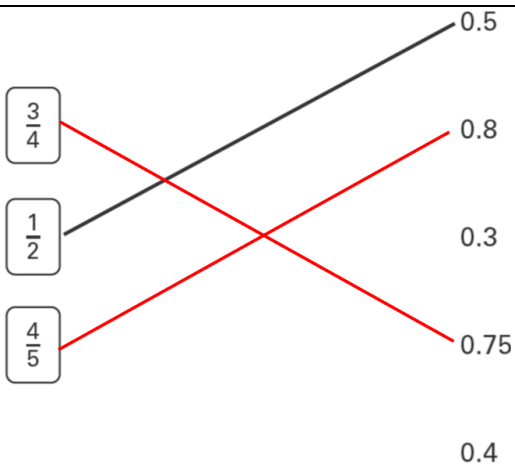
10:21

10:58



4.4 kg or $4\frac{2}{5}$ kg or $4\frac{4}{10}$ kg

1.2 kg or $1\frac{1}{5}$ kg or $1\frac{2}{10}$ kg



£64.30

£4.50



$\frac{5}{11}$

$\frac{6}{5}$

7250



455

375

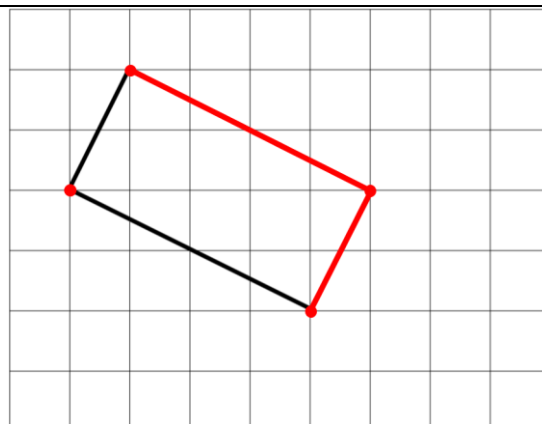
rhombus

kite

14 cm

16 cm

18 cm



One of the answers below:

24, 36 and 57 24, 36 and 75
24, 63 and 75 42, 36 and 75
42, 36 and 57 42, 63 and 75

27, 36 and 45 27, 36 and 54
27, 63 and 54 72, 63 and 54
72, 36 and 45 72, 63 and 45

0.34

43%

0.7

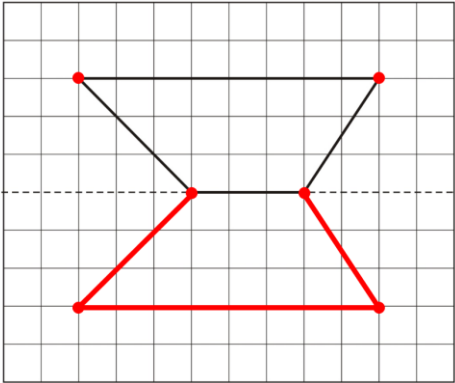
$\frac{3}{4}$

smallest

45 kg

Many possible answers

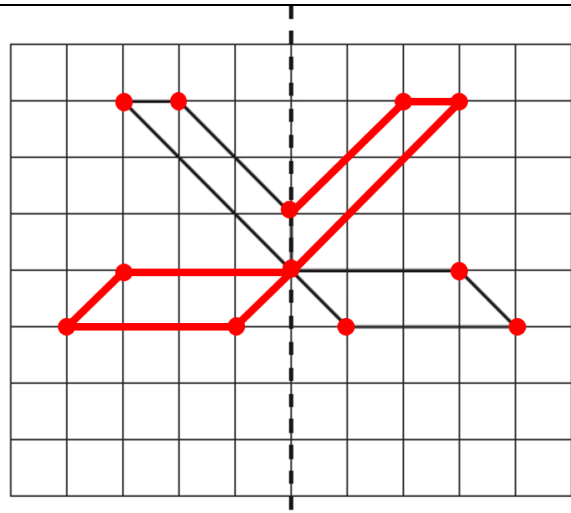


▶	Any shape with an area of 6 triangles (6 triangles inside the edges of the shape)		▶
▶	23 rd August Wednesday	4 km 4:15pm	▶
▶	6	42 cm	▶
▶	121 and 9 or 81 and 49	0.11, 1.001, 1.01, 1.101	▶
▶	19,000 circled	£0.65 or 65p	▶

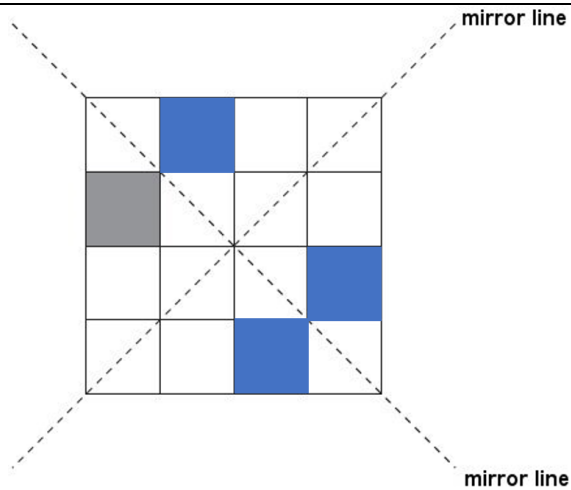


B and D

C and E



90 cm



10

A: (12, 6)

B: (19, 3)



4 and 1

13 x 11 x 7 (numbers in any order)



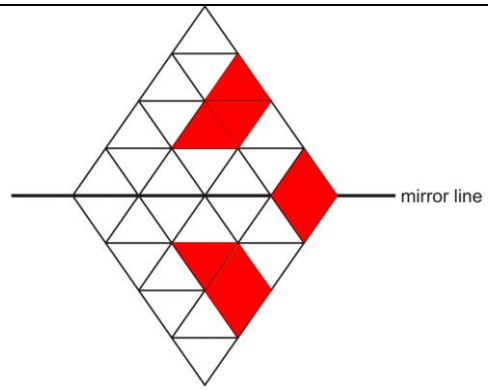
2, 4, 5 and 10 (numbers in any order)

0.5 and 0.50 circled

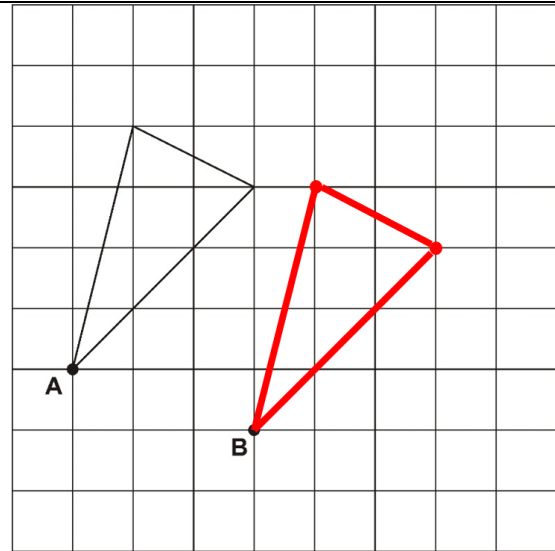




220 millilitres



A
F
E
B



30, 170, 500 and 640 (only) circled

1 1
6 0
2 1



1, 2, 5 and 10

19.95



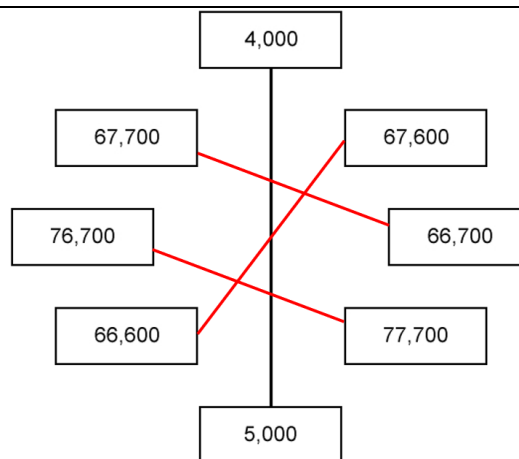
ninety thousand

5



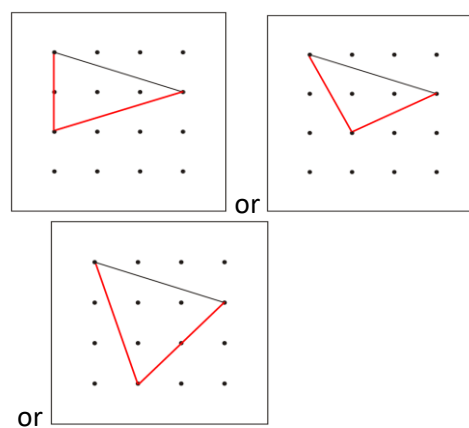
400 metres

45 minutes

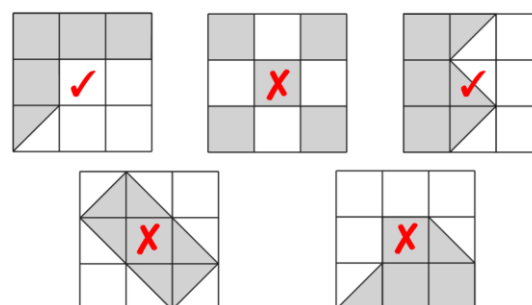


10°C

-4°C



7 cm



384

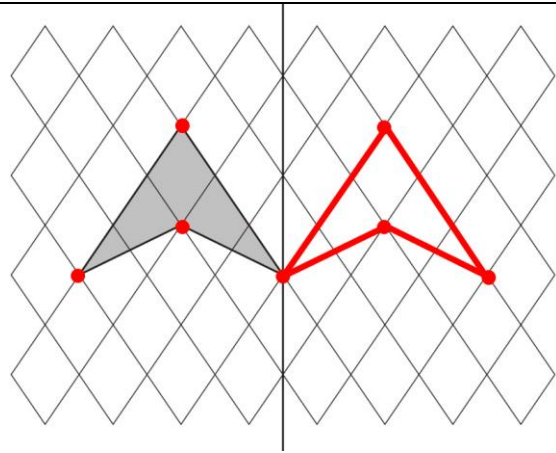
117°

-24 °C **-13 °C** **0 °C** **21 °C** **35 °C**
lowest

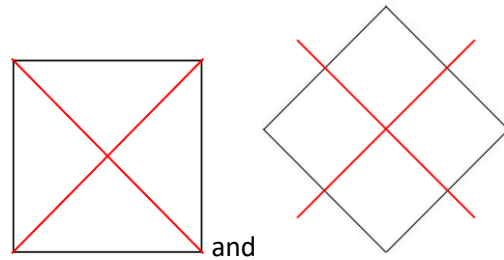
2, 3 and 5 (only) circled



210,000
120,000



c



Zak is correct
 $20p \times 20p = £4$ spent by Jade
 $£4 \text{ (Jade)} - £3.60 \text{ (Zak)} = 40p$

5% matched to 0.05
55% matched to 0.55
40% matched to 0.4

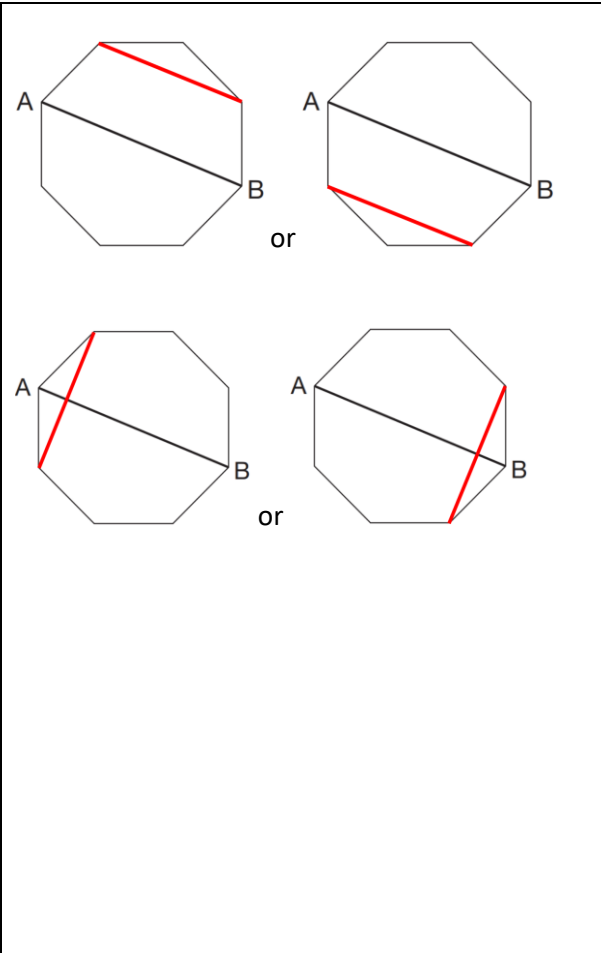
82 x 64 (any order)
or 62 x 84 (any order)

50 cm

4

49





72 and 75 (only) circled

No. Numbers circled are multiples of 3 and 1003 is not a multiple of 3.



54 cm

A (7, 13)
B (17, 13)



378

30



0.13 and 0.130 (only) ticked

55p



11

$\frac{8}{10}$ $\frac{1}{80}$ $\frac{4}{5}$ $\frac{80}{100}$ $\frac{8}{80}$





1.9 m or 190 cm or 1 m 90 cm

1.8 m or 180 cm or 1 m 80 cm

(5, 7)

(3, 4)



D and E

	12	15	20
multiple of 10			✓
multiple of 2	✓		✓
multiple of 5		✓	✓



1 cm by 36 cm
or 2 cm by 18 cm
or 3 cm by 12 cm
or 4 cm by 9 cm

12



1.4 and $1\frac{1}{3}$ (only) circled

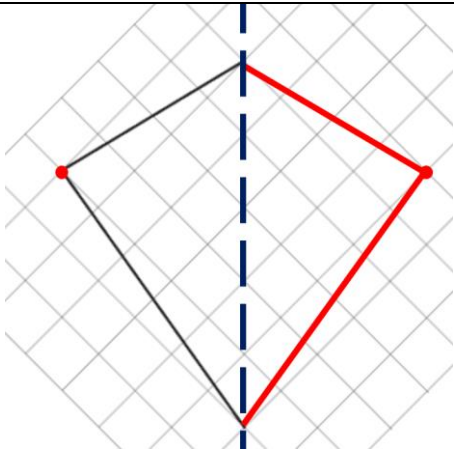
107°



3 squares of the grid must be shaded

21



		38	
	£21.80 1 rectangle is the same size as 2 squares so he would need 12 squares which would cost $£1.95 \times 12 = £23.40$ which is more than £21.80	A, B, D A, C	
	Mina 14 Kirsty 9 Seb 7	square-based pyramid	
	MMDX circled 1743	£1.55	
	60 g	80ml $\frac{1}{2}$ litre 900ml 1 litre	



any answer between 130 and 138 centimetres

any answer between 9:30am and 9:50am

A 50 B 15
C 20 D 25

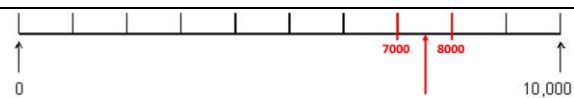
A 110 B 45
C 50 D 55



150

75

- 1) Ticked
- 2) Crossed
- 3) Crossed
- 4) Ticked



20cm



$\frac{1}{2}$ or $\frac{5}{10}$

$\frac{1}{3}$ or $\frac{4}{12}$

7



$\frac{1}{3}$ $\frac{5}{12}$ $\frac{1}{2}$ $\frac{5}{6}$
smallest largest

20%





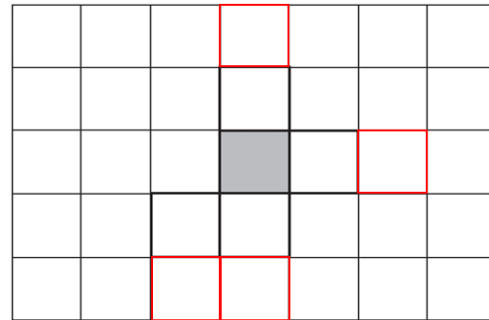
21
3 and 14
7

D and E



rectangle drawn with sides of 10cm and 2cm

one square drawn in one of the positions below



she can add 28 to 3836

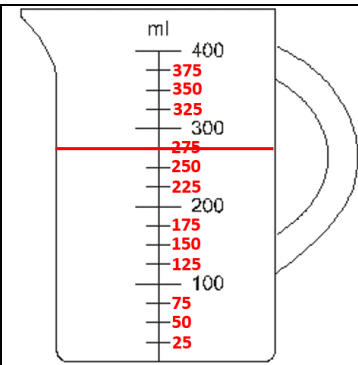
51
52
50
48
49



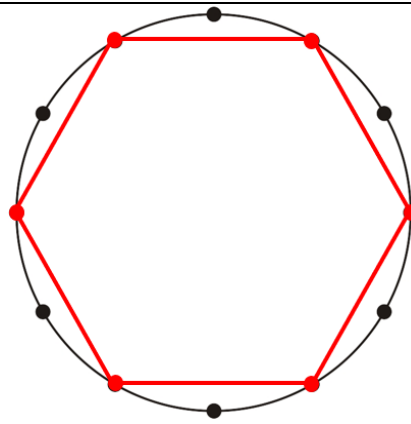
169, 196 and 225 (only)

300 grams or 0.3 kilograms

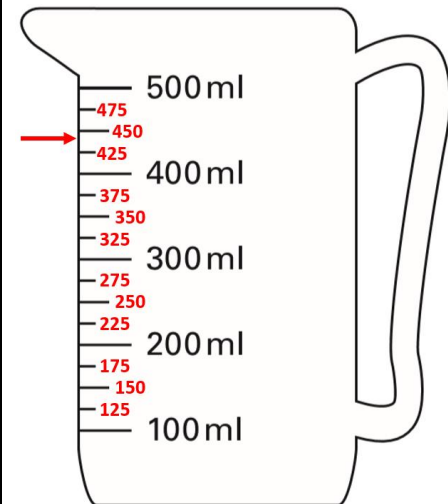




750 grams or 0.75 kilograms



alternatively, join the points which are black in the circle above



10

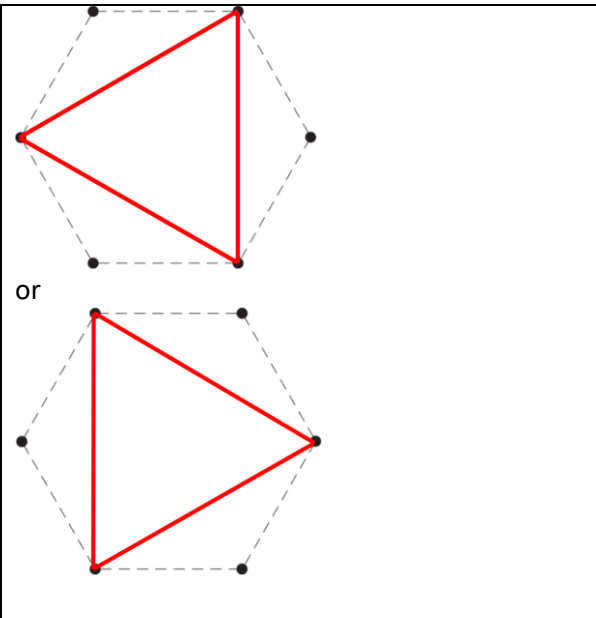
3



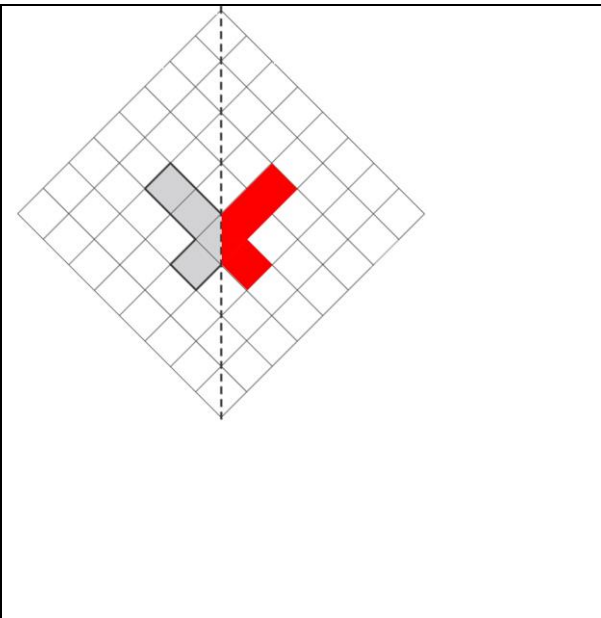
141°

£17,500





or



£7.05

15

23

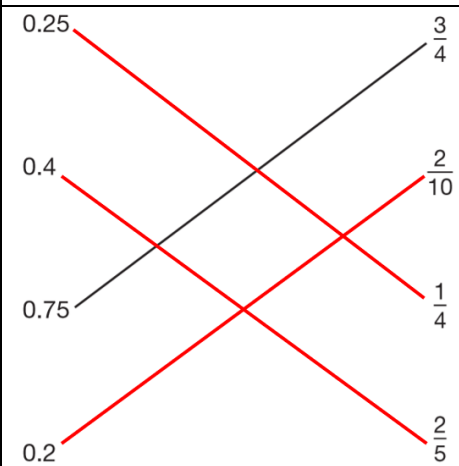


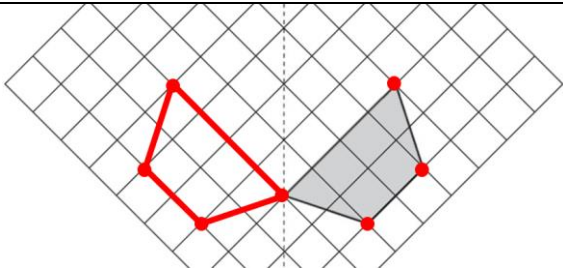
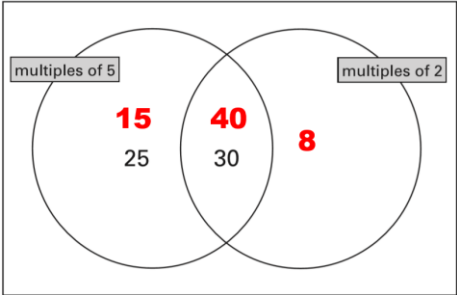
4 cm

John is not correct because numbers that end in 0 (e.g. 10, 20) are also multiples of 5



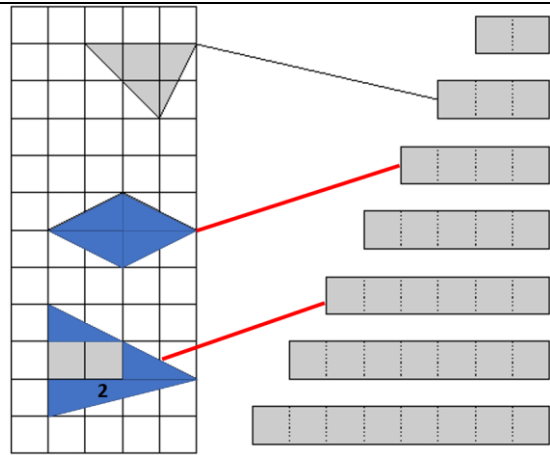
84 m²



▶ between 30% and 36%	▶ 
▶ 150 grams	▶ $x = 55^\circ$ $y = 145^\circ$
▶ 2% matched to 0.02 62% to 0.62 60% to 0.6	▶ 25°
▶ 	▶ isosceles scalene
▶ 11 and 3 (any order)	▶ 17, 25 and 49 (only)



80 cm



7°C

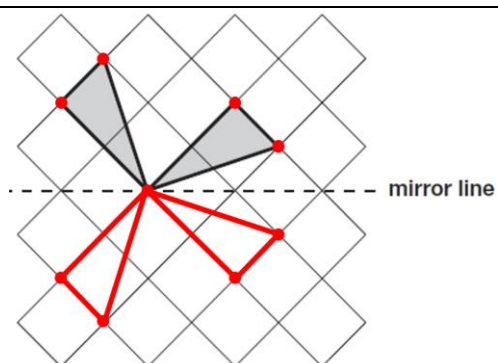
12

64



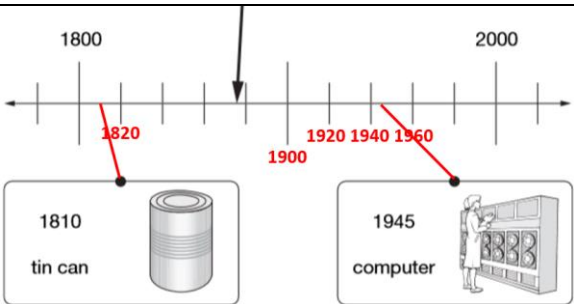
many possible answers
e.g. 105, 120, 135, ...

No. A rectangle had 4 sides but it's not a square. A square is a four-sided shape where all sides are the same length and all angles are 90°.

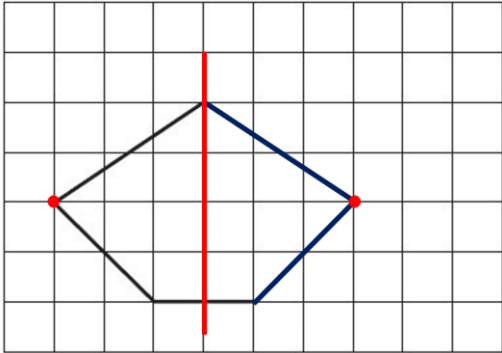


(5, 2)



many possible answers	swimming 7 football and rounders
six hundred thousand	£33.75
Hassan has the higher score. 40 out of 80 is equivalent to 50% 50% is higher than 40% 40% of 80 is 32 Kate only got 32 out of 80	 Timeline diagram showing years 1800, 1820, 1900, 1920, 1940, 1960, and 2000. A black arrow points to 1900. Red lines connect 1820 to a tin can and 1945 to a computer.
10 and 100000 or 100 and 10000	£74

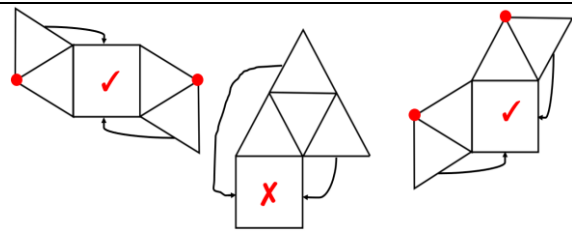
rectangle drawn with dimensions 7cm by 2cm or 6cm by 3cm or 5cm by 4cm	
76 to 78 centimetres 3 to 5 centimetres	27 or 72 25 12
	£4.79 £2.35
The two shaded triangles are the same as one square and that makes one out of three squares (one third) shaded. or If you split the square into 2 triangles you would have 2 triangles out of 6 shaded and two sixths is equivalent to one third.	420

	82 cm ²	three of the pairs below 2 and 24 3 and 16 4 and 12 6 and 8	
	6 faces 8 vertices 12 edges		
	54 cm	many possible answers e.g. 10, 30, 50... All multiples of 20 are also multiples of 10	
	15	28	
	n = 20 and p = 30 or n = 40 and p = 60 or n = 60 and p = 90 other answers also possible	1kg 800g ½ kg 60g mark not given if ordered from lightest to heaviest	
	69 x 29	0.07	



3 hours 35 minutes

15:15 or 3:15pm



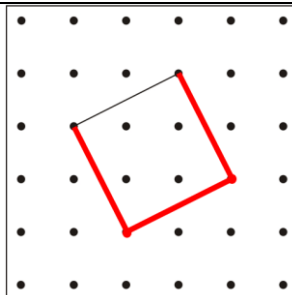
270°

shape	property of shape		
	4 sides only	one or more right angles	two pairs of parallel sides
	☒	☐	☒
	☐	☒	☐
	☒	☒	☒



cross on MCMM

55p



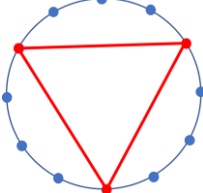
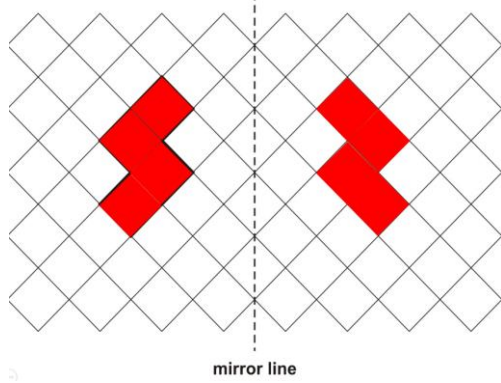
- 1) Tick
- 2) Cross
- 3) Cross
- 4) Tick



29 and 59 (only)

$\frac{6}{20}$ $\frac{1}{60}$ $\frac{3}{5}$ $\frac{6}{10}$ $\frac{6}{60}$ $\frac{36}{60}$

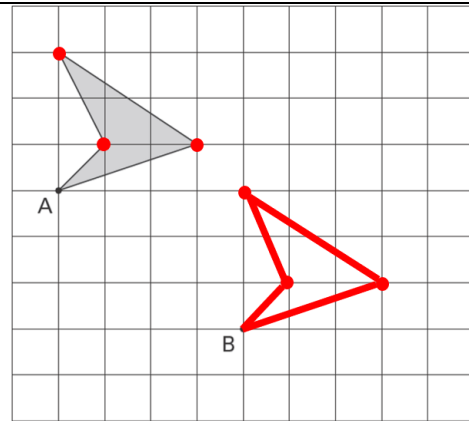


	(3,11)	Nik	
	three of the below 1cm and 100cm 2cm and 50cm 4cm and 25cm 5cm and 20cm	303 0.707	
	any four-sided shape which takes up 6 squares	 other possible answers – as long as there are 4 points from one vertex of the triangle to the next (three points between each vertex)	
	30p	triangular prism	
	 mirror line	between 63cm and 67cm	



13

30



B and D



5, 9

7th November



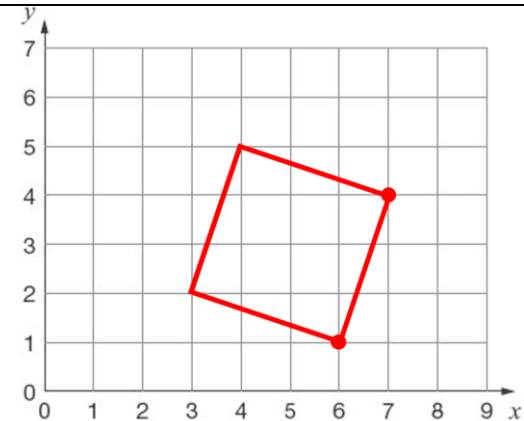
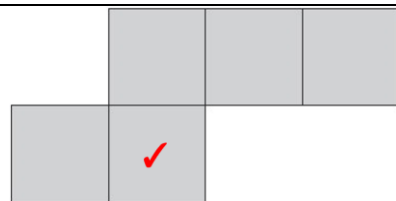
250 millilitres

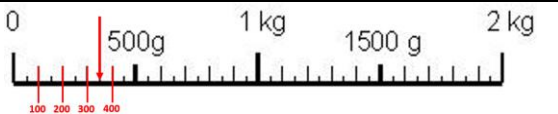
many possible answers e.g. 270



many possible answers

$\frac{4}{5}$



▶	$+10,000$ $\downarrow$ <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="4">$+10 \rightarrow$</th> </tr> </thead> <tbody> <tr> <td>45,170</td><td>45,180</td><td>45,190</td><td>45,200</td></tr> <tr> <td>55,170</td><td></td><td></td><td></td></tr> <tr> <td>65,170</td><td></td><td>65,190</td><td></td></tr> <tr> <td>75,170</td><td></td><td></td><td></td></tr> </tbody> </table>	$+10 \rightarrow$				45,170	45,180	45,190	45,200	55,170				65,170		65,190		75,170				18 cm	▶
$+10 \rightarrow$																							
45,170	45,180	45,190	45,200																				
55,170																							
65,170		65,190																					
75,170																							
▶	-1 and 1 or -0.5 and 1.5	0.09 and 0.1 circled	▶																				
▶	cross on 2^3 , 3^3 and 5^3	16	▶																				
▶	8	4, 25 and 36 circled	▶																				
▶	£1.75	60	▶																				
▶	many possible answers e.g. 18, 16, 6		▶																				
▶	11×11 $4 \times 5 \times 6$ ²⁰ 120 $56 + 27 + 17$ ⁸³ 100 $835 - 745$ 90 $4000 \div 50$ 80 80 greater than 100 less than 100 equal to 100	Tick Cross Cross Tick	▶																				
▶	many possible answers																						



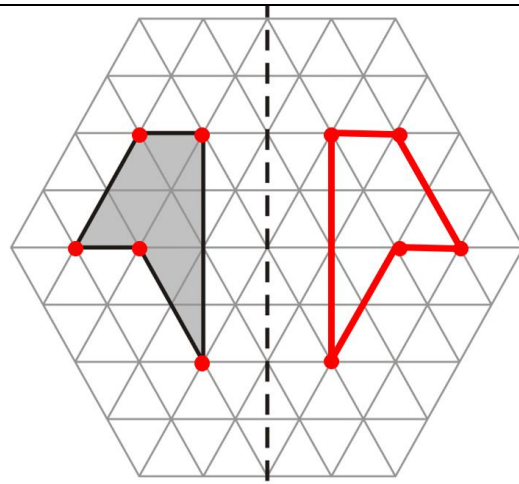
▶		(4, 6)	▶
▶	21,096	35°	▶
▶	Kate had 85p Jamie had 65p	15 tins of blue paint and 10 tins of red paint	▶
▶	22, 21	8 5, 6 5, 5	▶
▶	290	$4 \times 4 = 16$ You get a square number when you multiply a number by itself.	▶



 400 1.2 kilograms or 1200 grams	7 12	
 4 4 2 4	(10, 9)	
 $1\frac{1}{2}$ and $2\frac{3}{4}$ or $1\frac{2}{4}$ and $2\frac{3}{4}$	£15.30 57	
 75	775	
 45%	rectangle is 4cm by 1cm or 3cm by 2cm	



35
81
64



63 x 6
or 54 x 7
or 42 x 9

cube



16

5

270°



20

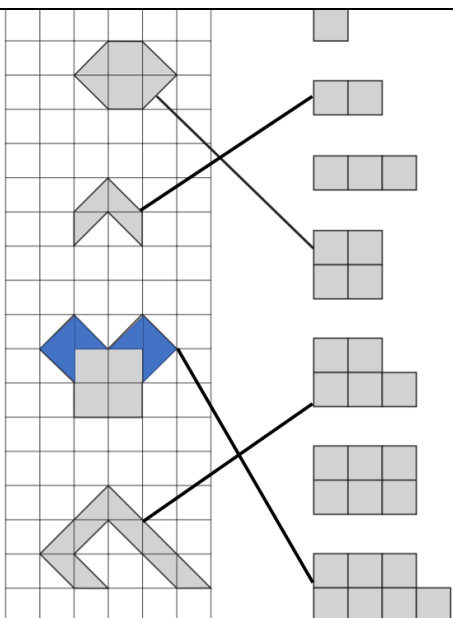
118°



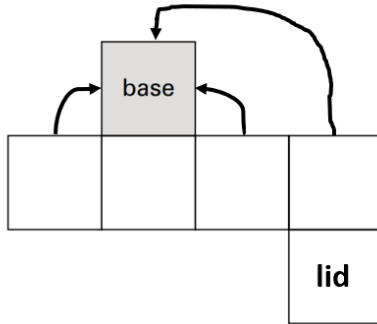
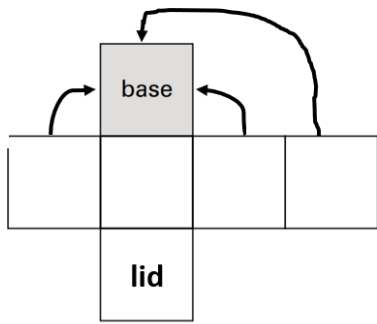
466,050 and 470,050

100



2 children are between 150 and 159 cm. One of these children is Alfie, but the other child could be 154-159 cm. There is also another child who is at least 160 cm tall.		
10 2, 20 or 4, 6	4, 5, 10, 20 or 2, 5, 10, 20	
$27 \times 3 = 81$ or $28 \times 3 = 84$ or $29 \times 3 = 87$	0.099	
$6\frac{1}{4}$ $1\frac{2}{4}$ or $1\frac{1}{2}$	£63.25 28	
72 or 78	14 cm	





Jack won.
The pie chart shows $\frac{1}{4}$ for Jack.
 $\frac{1}{4}$ of 40 = 10
20%



45p
20p

<
>
=



-5 and 3
or -4 and 4
or -3 and 5

£56



6, 10, 14

107°



32 cm
rectangle with sides of 64 cm and 1 cm
or 32 cm and 2 cm
or 16 cm and 4 cm

60 and 90

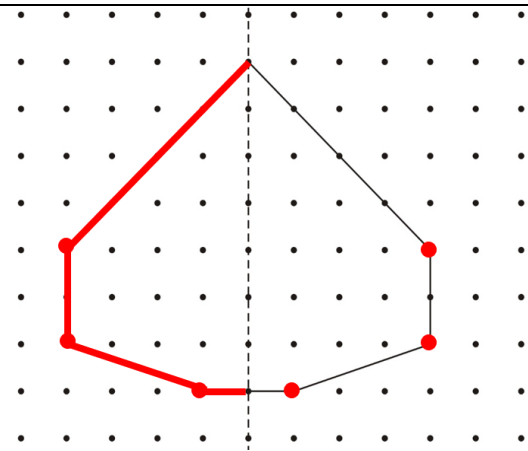




between 29°C and 29.9°C

4

18°C



DA, BC

AB, CD



11 x 16 (any order)

rectangle



1000.5 or 1000½

72 cm



many possible answers

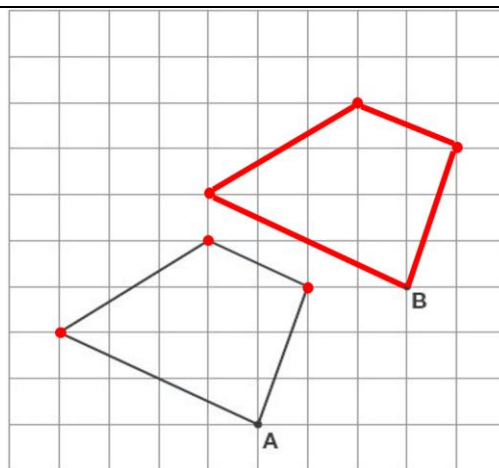
35 cm and 45 cm



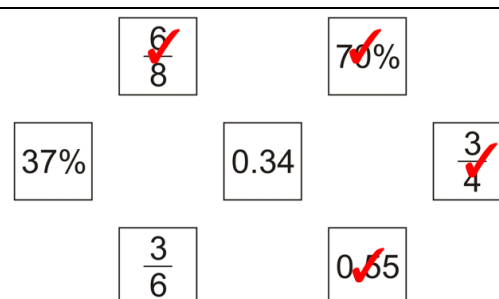
	B, C and G	(8, 7) (5, 3)	
	3200 31,600 316,300	<pre> graph LR Start[Start] --> prime[prime] Start --> not_prime[not prime] prime --> even1[even] prime --> not_even1[not even] not_prime --> even2[even] not_prime --> not_even2[not even] even1 --> box1[] not_even1 --> box2[17] even2 --> box3[20] not_even2 --> box4[9] </pre>	
	60 x 50	64	
	$\frac{3}{5}$ $\frac{3}{4}$ $\frac{17}{20}$ $\frac{9}{10}$ smallest		
	many possible answers e.g. $30 + 20 = 50$	5 cm and 2 cm 3.5 cm and 3.5 cm (any order)	

14

$$\frac{7}{21} \text{ or } \frac{1}{3}$$

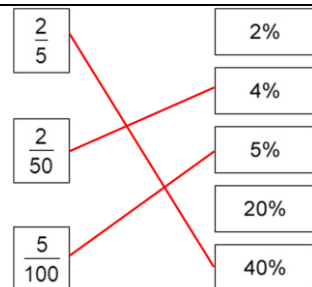


£29,999



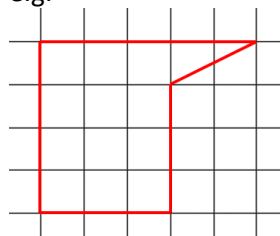
24, 44

12, 15, 18

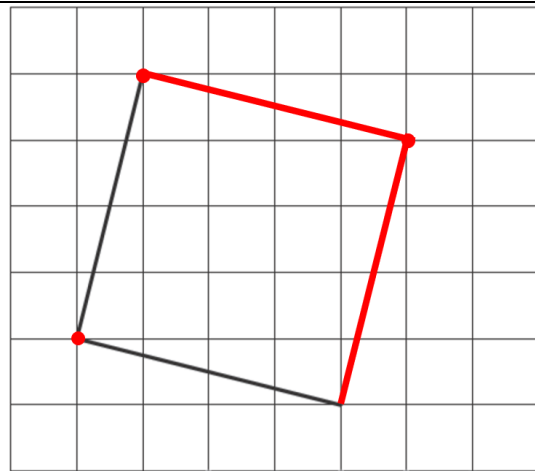
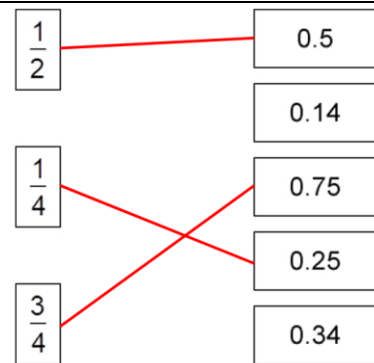
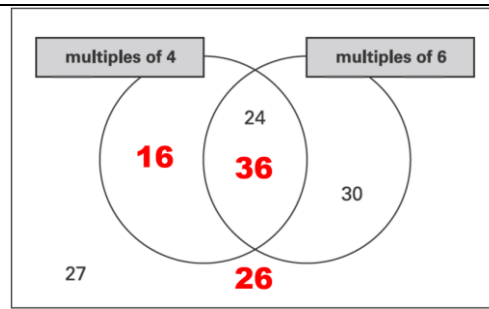
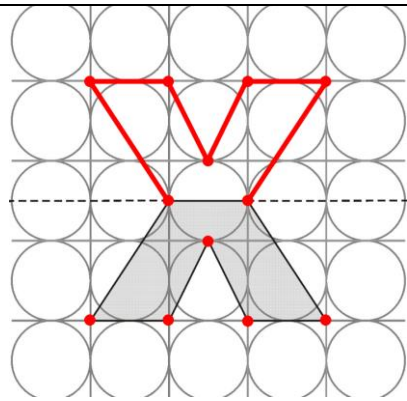


32 cm

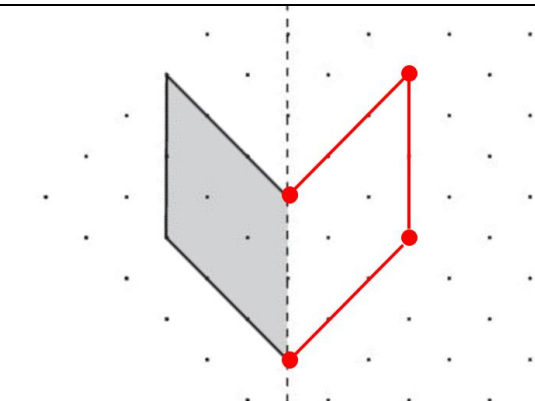
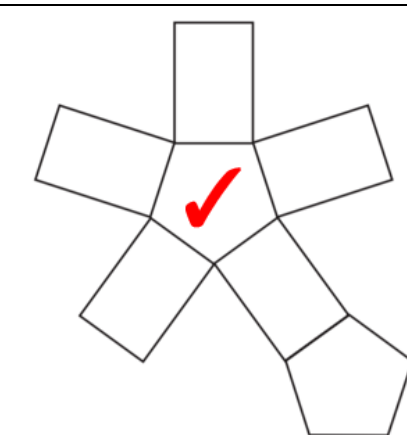
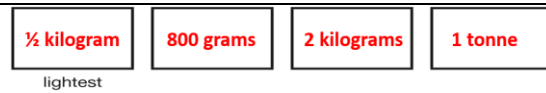
many possible answers
e.g.

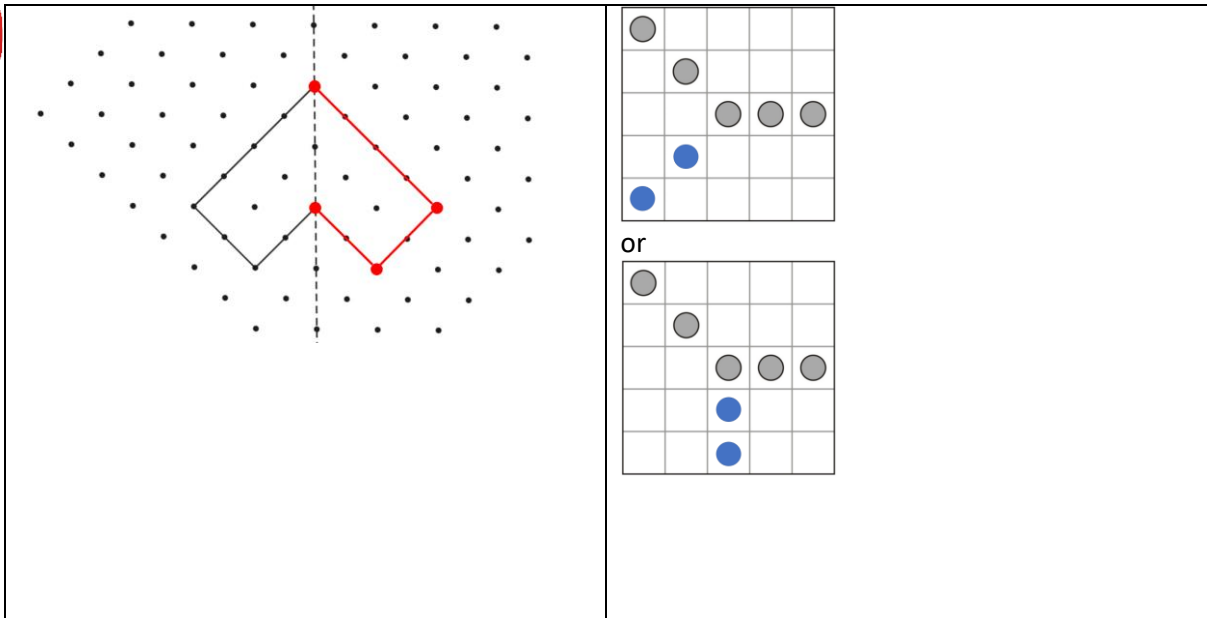


January, March, May, July, August, October,
December



130 cm circled



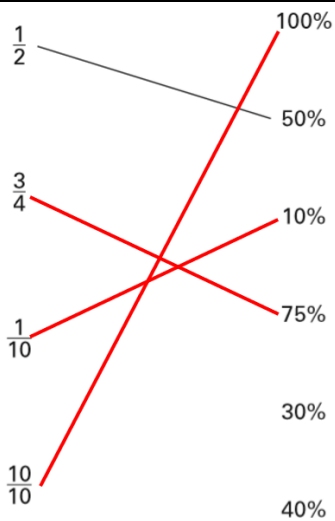


composite number

75p

A, C and D ticked
B crossed

$$\begin{array}{r}
 97\boxed{8}4^{13}2 \\
 -1\boxed{2}36\boxed{5} \\
 \hline
 85477
 \end{array}$$



$$a = 135^\circ$$

$$b = 45^\circ$$

263,001 and 303,001

$$\frac{6}{10} \quad \frac{1}{60} \quad \frac{60}{100} \quad \frac{1}{6}$$





(4, 3)

2

4

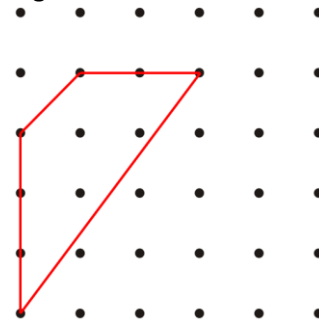
banana



17

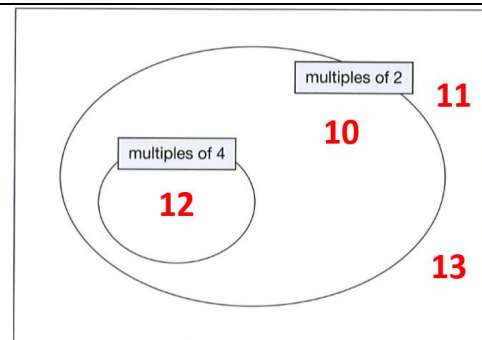
many possible answers

e.g.



5°C

-3°C



$\frac{1}{8}$

$\frac{6}{10}$

$\frac{5}{8}$

$\frac{3}{10}$

1.28
smallest

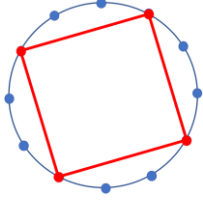
1.8

8.118

8.12

8.2



	Cross Tick Cross Tick	700 ml or 0.7 l	
	< > =	there must be 3 points from one vertex of the square to the next (2 points between each vertex), e.g. 	
	2433 0.457 0.023	They are symmetrical. They have a perimeter of 12 squares. They have the same area.	
	54 cm	955, 1010	
	many possible answers square numbers less than 100: 1, 4, 9, 16, 25, 36, 49, 64, 81 even numbers: end in 0, 2, 3, 4 or 8	7 x 5 x 3 (any order)	

▶ $47 \div \boxed{100} = \boxed{0.47}$ $\boxed{4.07} \times \boxed{10} = 40.7$ or $47 \div \boxed{0.47} = \boxed{100}$ $\boxed{10} \times \boxed{4.07} = 40.7$	▶ parallelogram
▶ 11 2	▶ between 15% and 25% between 201 g and 399 g
▶ 9 30°	▶ (6, 7)
▶ -7°C 13°C	▶ 8 9, 6 6, 4
▶ Cake 40p Biscuit 25p	▶ 64





- 1) Tick
- 2) Cross
- 3) Cross
- 4) Tick

46 m or 47 m

55 seconds

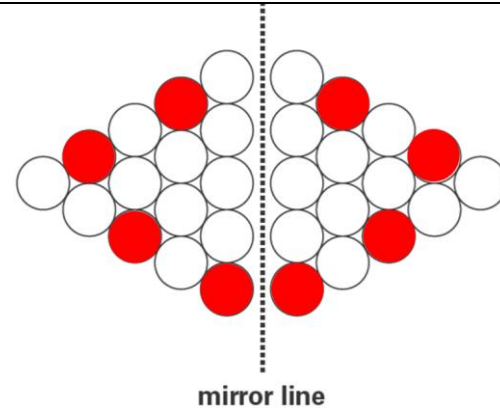


40%

1.5 kilograms and 1500 grams ticked



28



3 and 7

8

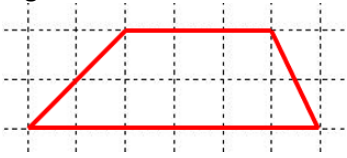


8, 24 and 12 circled

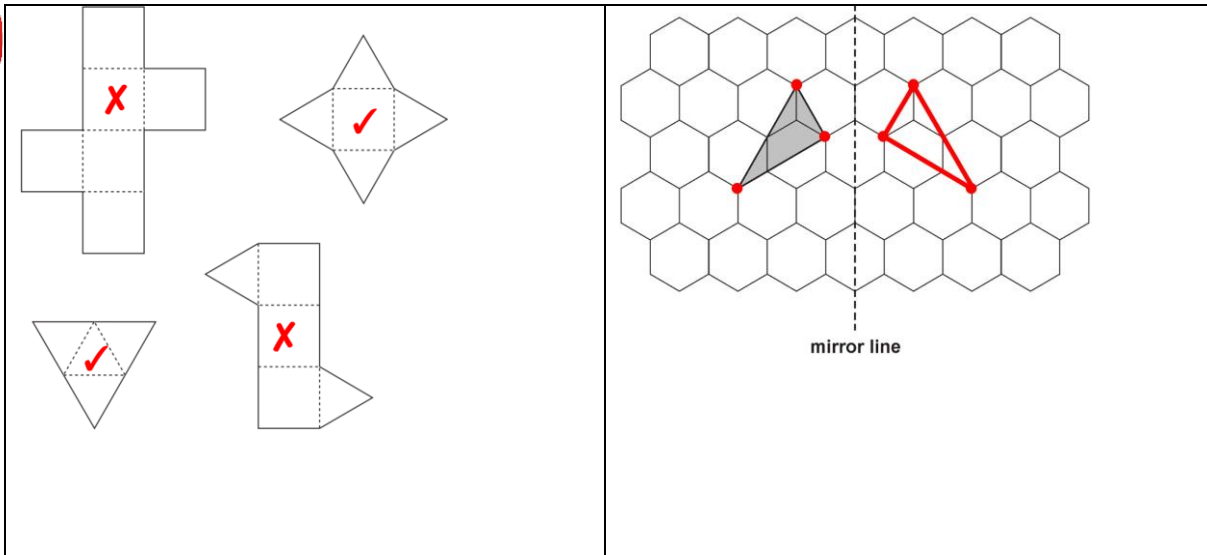
315



	rectangle drawn with sides of 2 cm and 7 cm	600 cm = 6 m 6 km = 6000 m	
	11, 12, 17 or 11, 13, 16 or 11, 14, 15 or 12, 13, 15 or 13, 18, 19 or 14, 17, 19 or 15, 16, 19 or 15, 17, 18	100 cm	
	1) Tick 2) Cross 3) Cross 4) Tick	5 7°C	
	386,000 810,000 800,000	365, 366	

▶ Saturday	▶ many possible answers e.g. 
▶ 15 23	▶ many possible answers 2 sides must be the same length
▶ 250 ml	▶ 26.8 cm
▶ many possible answers e.g. 700	▶ 360 g
▶ -2	▶ 2.089, 2.095





$1\frac{1}{4}$ ✓	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{1}{2}$ ✓	$1\frac{3}{4}$
$3\frac{1}{2}$	$3\frac{3}{4}$ ✓	$4\frac{1}{4}$	or	$3\frac{1}{2}$ ✓	$3\frac{3}{4}$
					$4\frac{1}{4}$

45 cm

	multiples of 9	not multiples of 9
even	72 54	56 84
not even	63 45	49 75

rectangle with sides of 7 cm and 2 cm
or 6 cm and 3 cm

B and C

5

1.05 kg





(6, 3)



=

15



=

6



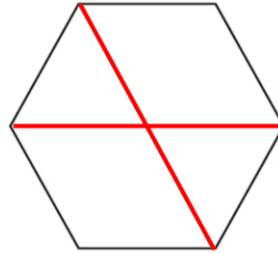
=

9



-5

many possible answers
e.g.



80

15



60%

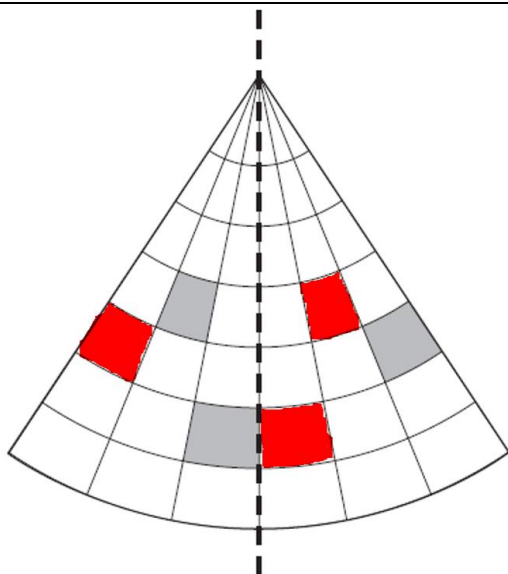
22 cm



0.091, 0.109, 0.19, 0.9

8900





8 minutes

between 130 m and 140 m

$\frac{12}{50}$

12%

$\frac{12}{75}$

16%

24%

$\frac{24}{40}$

40%

60%

Shape	Number of		
	Faces	Vertices	Edges
Cuboid	6	8	12
Triangular Prism	5	6	9
Square-based pyramid	5	5	8

170°

$$\begin{array}{r}
 \begin{array}{cccc}
 \boxed{2} & 3 & 1 & 7 \\
 & & 3 & \boxed{5}
 \end{array} \\
 \times \\
 \hline
 \begin{array}{cccc}
 1 & 1 & 5 & 8 & 5 \\
 6 & 9 & 5 & 1 & 0 \\
 \hline
 8 & 1 & 0 & 9 & 5
 \end{array}
 \end{array}$$

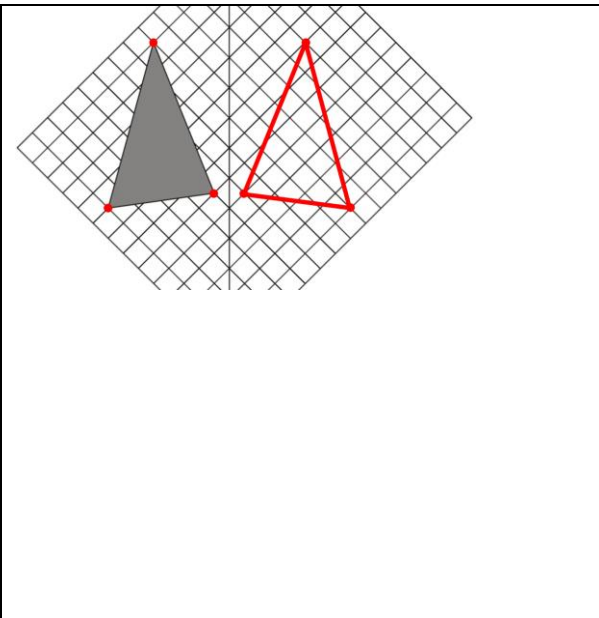
80 g

9

29,000

290,000

34, 2



34 cm

70 cm²



21st July

10
16
30



125 + 27

£22.50



£14.40

20

5.5 mm, 5 cm, 55 mm, 0.55 m



9

sides of the same length
or angles of the same size (60°)





105

5

1200ml 1.2 l



1.7 l



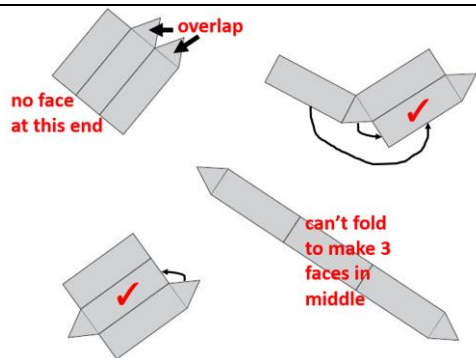
$1\frac{1}{4}$ l 1.25 l



1560ml 1.56 l



1.07 l



$\frac{3}{11}$ and $\frac{8}{11}$

or $\frac{5}{11}$ and $\frac{6}{11}$

or $\frac{3}{9}$ and $\frac{6}{9}$

or $\frac{3}{7}$ and $\frac{4}{7}$



36 + 54 (any order)

or 34 + 56 (any order)

14

8

3



120, 30

36 + 9

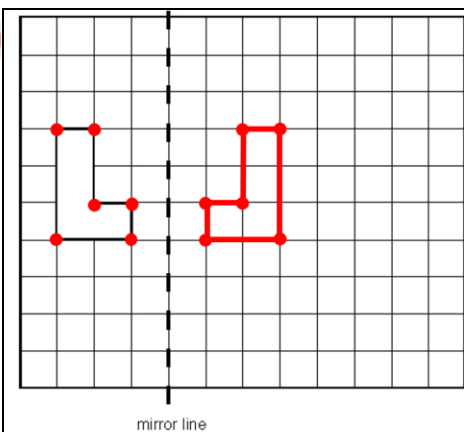


22°C

1.58 kg



 15 Robbie is wrong 75 (mushroom) + 135 (tomato) + 90 (chicken) = 300 soups in total Half of 300 is 150 135 is less than 150	 98
 £200 37p or £0.37	 Megan is wrong. A rectangle with a length of 6 cm and a width of 1 cm has a perimeter of 14 cm and an area of 6 cm² A rectangle with a length of 5 cm and a width of 2 cm has a perimeter of 14 cm but an area of 10 cm²
 5 and 31, 7 and 29, 13 and 23, 17 and 19	 80
 many possible answers e.g. $20 \div 2$	 £54.25
 0.75	 104



9 degrees

7 degrees

	Side lengths			
square	9 cm	9 cm	9 cm	9 cm
rectangle	3 cm	3 cm	15 cm	15 cm
rhombus	9 cm	9 cm	9 cm	9 cm
kite	10 cm	10 cm	8 cm	8 cm

sometimes
always
always

30%

900 ml

236

35p

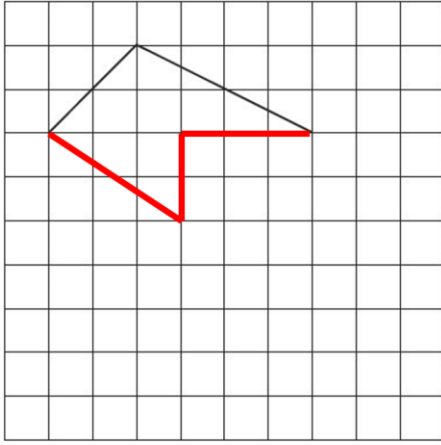
$$\left(3\frac{1}{2} + 1\frac{1}{2} \right) \times 2 = 10$$

or

$$\left(3\frac{1}{2} + \frac{1}{2} \right) \times 2\frac{1}{2} = 10$$

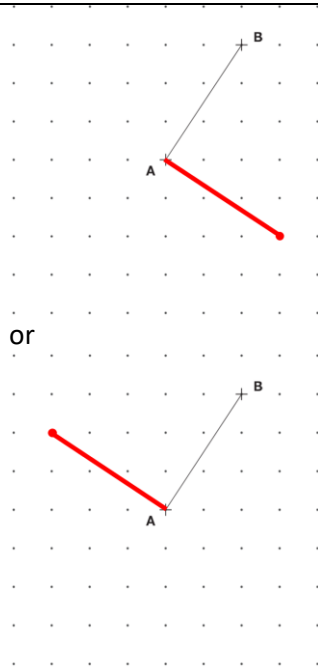
299 m

many possible answers
e.g.



E

D



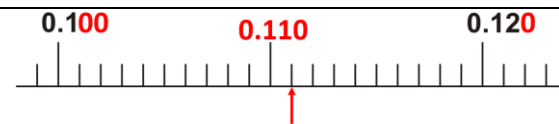
B is (0, 10)

C is (10, 20)

6

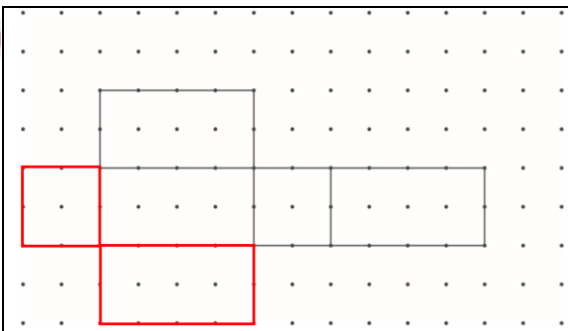
9%

2^3	3^2	5^2	3^3
smallest			largest



11 x 7 x 3 (any order)

32, 56, 72



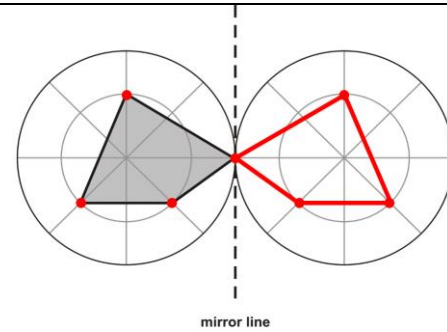
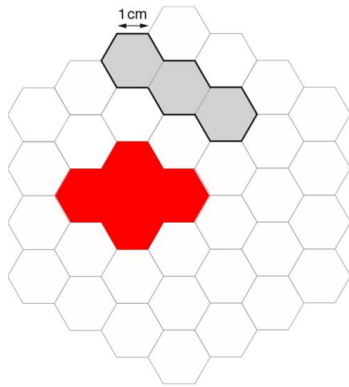
C, D

A, D

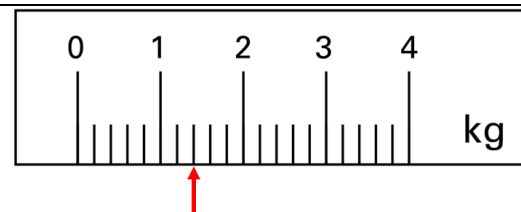
23

10 cm²

many possible answers
e.g.



	greater than $\frac{1}{2}$	less than $\frac{1}{2}$
0.9	✓	
0.06		✓
$\frac{11}{20}$	✓	
0.21		✓





1200
0.25
30

800 cm²



rectangle with sides of 4cm and 5cm

Angles in a triangle add up to 180°.
Obtuse angles are larger than 90°.
If you have two angles which are larger than 90°, you will have more than 180°.



24

Lara
Grace



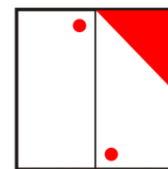
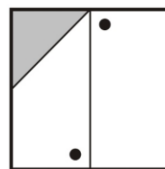
61
15
65

375
36



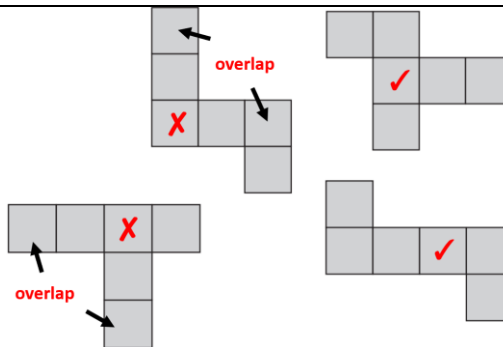
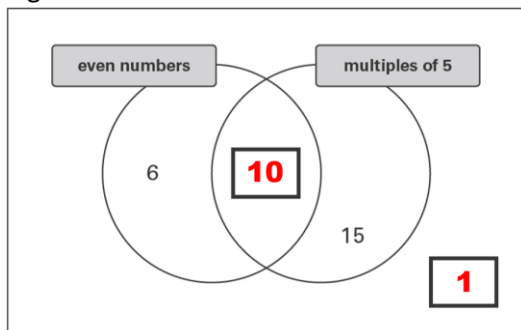
07:33

07:35



mirror line

many possible answers
number in the middle must end in 0
number in bottom right must end in 1, 3, 7 or 9
e.g.



(4, 3)

Joe started with 10 and 16

Dev started with 9 and 15

£3.85

5 and 7

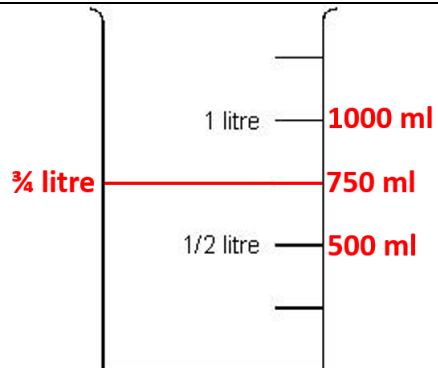


x10

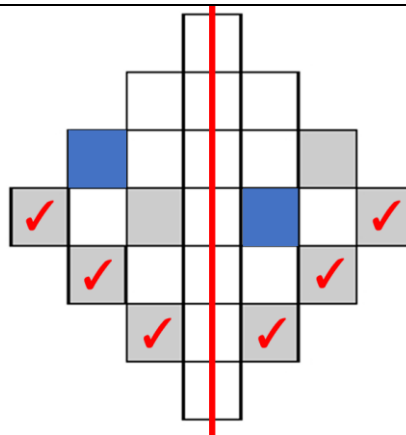
÷100

÷1000

x100



108 cm²



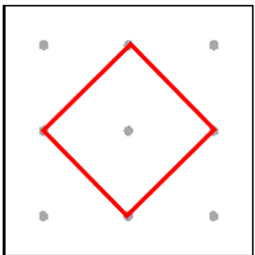
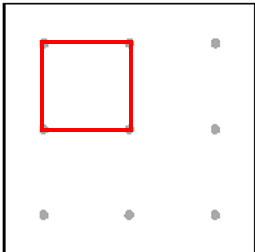
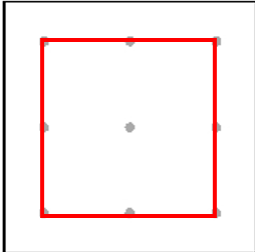
55 cm

11

Amir is wrong.
For example, 14 ends in a 4 but it is not a multiple of 4
(because it's not in the 4 times table).



in any order



many possible squares

many possible rectangles

many possible parallelograms



8, 2

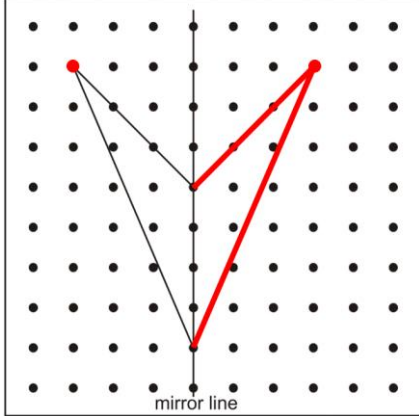
£11.25



24

13



	£2.97 10	7 cm	
	37, 39, 41, 43	£17.10	
	500 240 2	between 180 ml and 220 ml	
	Jack is not correct. A square based pyramid has 5 faces and 5 vertices. A triangular prism has 5 faces and 6 vertices.		
	76	30	
	Megan, Chen, Alfie, Nina	$5 \times 5 \times 5 = 125$ When you multiply a number by itself, and then by itself again, you get a cube number.	

6

The bar chart shows 10 children read 4 to 6 books.

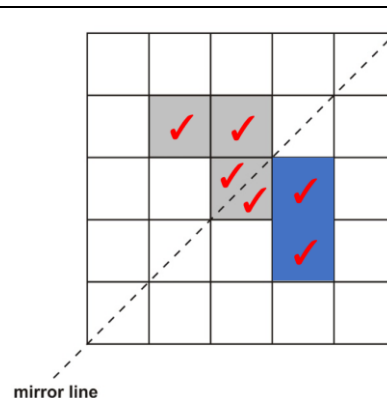
$$7 + 1 = 8$$

so you need 2 more to make 10

£600

The school only collected £200 in December, so if it only collects £200 for each of the next two months, it won't reach the extra £600 it needs.

A, C



Angles in a triangle add up to 180° .

$$35^\circ + 75^\circ + 45^\circ = 155^\circ$$

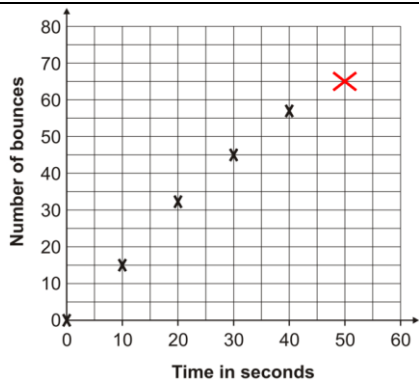
1 litre = 1000 ml

$\frac{1}{2}$ litre = 500 ml

He can fill the jug, pour it in the bucket, then fill the jug again and pour it in again.

$$2 \times 500 = 1000$$

	48 Multiples of 4 are always even numbers.	(40, 27)										
	100 is double 50 51 rounded to the nearest hundred is 100 51 rounded to the nearest ten is 50 They could also have started with 50, 52, 53 or 54	Rectangle with sides of 1 cm and 8 cm or 2 cm and 7 cm or 3 cm and 6 cm or 4 cm and 5 cm										
	76 smallest 54 43 1712 largest	many possible answers two sides of the triangle must be the same length										
	many possible answers e.g. <table><tr><td></td><td>less than 1000</td><td>1000 or more</td></tr><tr><td>multiples of 20</td><td>20</td><td>1020</td></tr><tr><td>not multiples of 20</td><td>1</td><td>1001</td></tr></table>		less than 1000	1000 or more	multiples of 20	20	1020	not multiples of 20	1	1001	A and D	
	less than 1000	1000 or more										
multiples of 20	20	1020										
not multiples of 20	1	1001										



between 49 and 53

	has a right angle	has an obtuse angle	has 3 acute angles
is isosceles	A		B
is not isosceles	D	C	



C
A
E





many possible answers

e.g.

