Q1. Write in the missing numbers.

45 + ☐ = 110

(4 × 5) − ☐ = 12

60 × 3 = ☐

Q2. Write these amounts of money in order of size, starting with the smallest amount.

£5.40 £0.65 72p £10 £2.88

☐ ☐ ☐ ☐ ☐

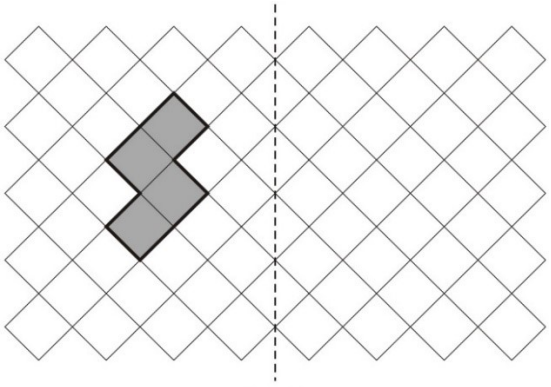
smallest

Bus Fares	
old fare	new fare
42p	48p
52p	57p
60p	72p
75p	85p
90p	£1.05
£1.20	£1.28

Q3. This table shows the increase in bus fares.
Sohan's new bus fare is 72p. How much has his bus fare gone up?

Millie says, 'My bus fare has gone up by 10p.' How much is Millie's new bus fare?

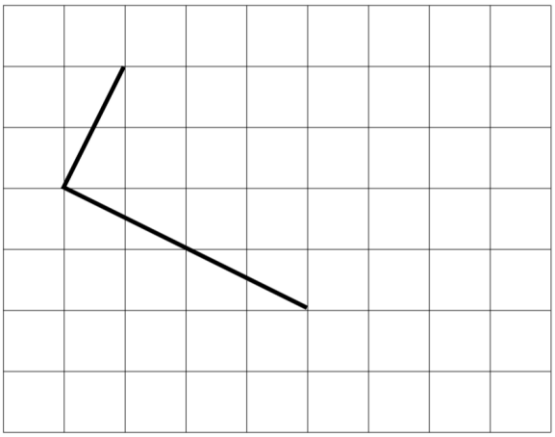
Q4. Draw the reflection of the shaded shape in the mirror line.



Q5. Circle the number nearest to 1000

1060 1049 1100 960 899

Q6. Draw two more straight lines to make a rectangle.



Q7. Lewis makes a call from a telephone box.
He has £2 in coins.
He uses these five coins to make the call.

How much money has he got left from the £2?

Q8. Put a tick in each row to complete this table.

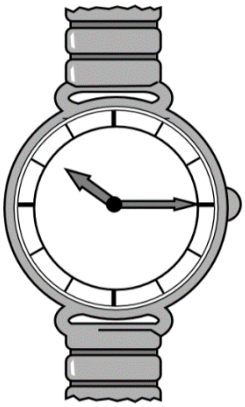
	greater than $\frac{1}{2}$	less than $\frac{1}{2}$
0.9	✓	
0.06		
$\frac{11}{20}$		
0.21		

Q9. Write in the missing digits to make this correct.

☐ 4 ☐

× 6

2 0 5 2



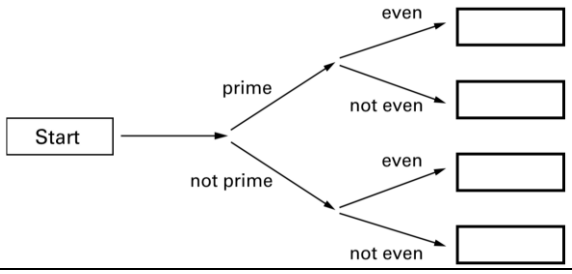
Q10. This was the time on Selin's watch when she set off for a walk. What time did the watch show 20 minutes before this?

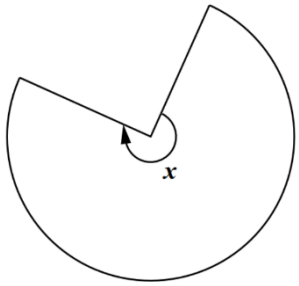
What time did it show an hour and a half after she set off for the walk?

Q11. Calculate 847 ÷ 7

Q12. Here is a diagram for sorting numbers. Write these three numbers in the correct boxes. You may not need to use all of the boxes.

9 17 20



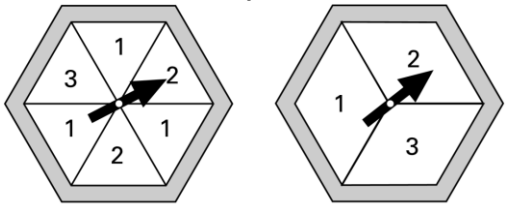


Q13. This shape is three-quarters of a circle. How many degrees is angle x?

Q14. Book Sale: Any 3 books for £14.50

Lee bought these three books in the sale for £14.50
How much money did he save altogether compared to the full price of the books?

Q15. Here are two spinners, A and B.



Each one is a regular hexagon.
For each statement, put a tick if it is true.
Scoring '1' is more likely on A than on B.
Scoring '2' is more likely on A than on B.
Scoring '3' is as equally likely on A as on B.

Zara spins both spinners. The score on A is added to the score on B.
She says, 'The sum of the scores on both spinners is certain to be less than 7.'
Is she correct?
Explain how you know.

Q16. Calculate 1025 – 336

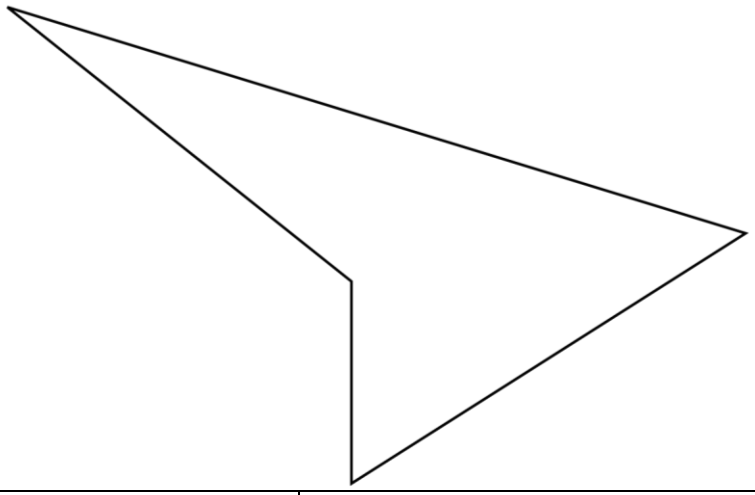
Q18. Calculate 509 x 24

Q19. Complete these fractions to make each equivalent to $\frac{3}{5}$

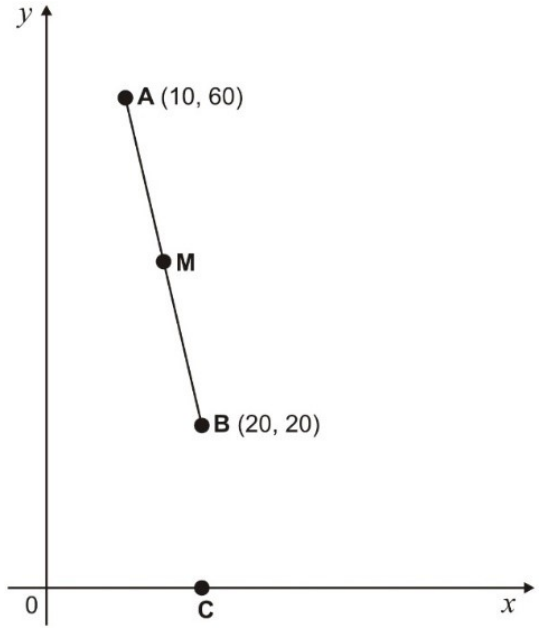
$\frac{\square}{10}$ $\quad \frac{12}{\square}$ $\quad \frac{\square}{15}$

Q17. Measure accurately the longest side of this shape. Give your answer in millimetres.

Measure accurately the smallest angle in the shape. Use a protractor (angle measurer)



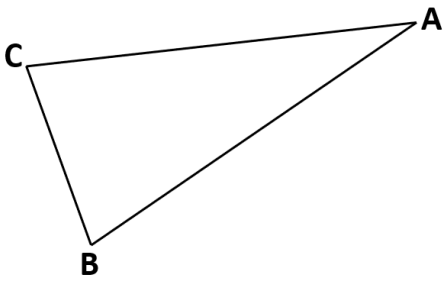
Q20.



A is the point (10, 60). B is the point (20, 20). M is the midpoint of line AB. Write the coordinates of M.

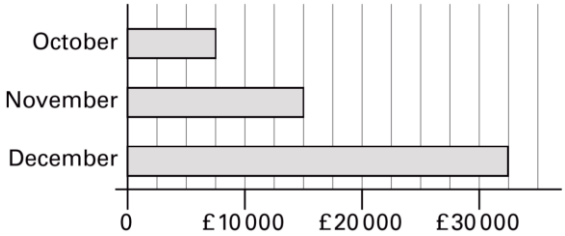
C is on the *x*-axis, directly below B. Write the coordinates of C.

Q21. Triangle ABC is isosceles and has a perimeter of 20 centimetres.
Sides AB and AC are each twice as long as BC.



Calculate the length of the side BC.

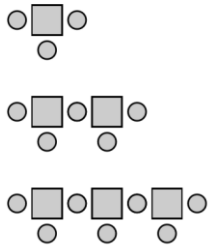
Q22. This chart shows the amount of money spent in a toy shop in three months.



How much more money was spent in the shop in December than in November?

Stepan says, 'In November there was a 100% increase on the money spent in October.' Is he correct? Explain how you can tell from the chart.

Q23. Here is a sequence of patterns made from squares and circles.



number of squares	number of circles
1	3
2	5
3	7

The sequence continues in the same way. Calculate how many squares there will be in the pattern which has 25 circles.

Q24. Calculate 15% of 460

This is a centimetre grid. Draw 3 more lines to make a parallelogram with an area of 10cm^2.