Q1. Megan likes honey, but not jam. Alfie likes honey and jam. Chen does not like honey or jam. Donna only likes jam.
Write the children's names in the correct parts of the sorting diagram.

	likes honey	does **not** like honey
likes jam		
does **not** like jam		

**Q2.** Circle the number closest to 500

525   491   511   408   550

Q3. Calculate 735 + 2669

Q4. These three square tiles have symmetrical patterns on them.
Draw the line of symmetry on each tile.
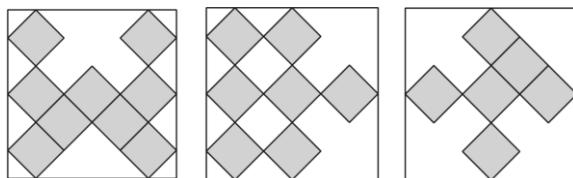
Q5. Liam hires a bike.
He has to return it by 3 pm.
The time is 2:25pm.
How many minutes has he got left?

Amy hires a bike for 45 minutes.
She takes the bike out at 3:30 pm.
At what time must she return the bike?
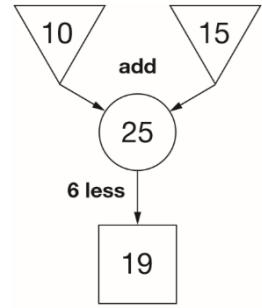
Q6. In this diagram, the numbers in the triangles add together to make the number in the circle.
The number in the square is 6 less than the number in the circle.

Write the four missing numbers in these diagrams.
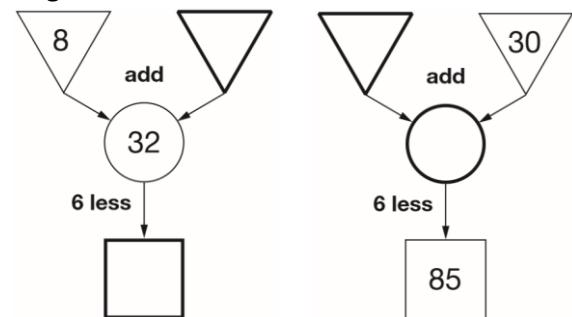
Q7. The numbers in this sequence increase by 30 each time.
20 50 80 110 …
The sequence continues in the same way.
Which number in the sequence will be closest to 300?

Q8. Write the missing numbers.

$$150 - \boxed{} = 87$$

$$90 \times \boxed{} = 450$$

Q9. Six classes at Winward Primary School collected some money. The chart shows how much money the boys and girls collected.

girls boys

Money collected in pounds
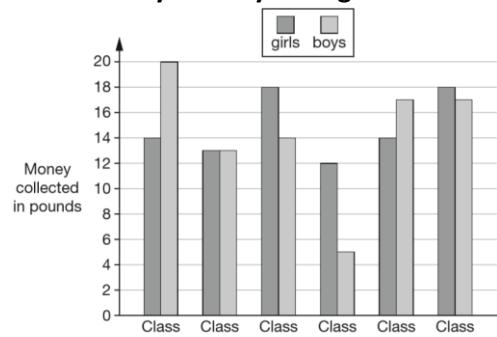
In Class 4, how much more money did the girls collect than the boys?

How many classes collected more than £30?

Q10. A shop sells pairs of socks.

knee socks   ankle socks   trainer socks
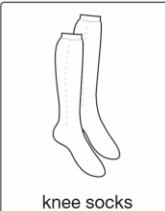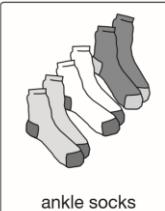
1 pair for £5.45   **3 pairs** for £7.50   **5 pairs** for £8.50
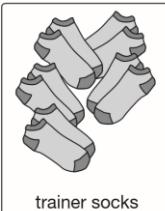
Kirsty buys 1 pair of knee socks and 3 pairs of ankle socks. She pays with a £20 note.
How much change does she get?

Amy spends £25.50 on trainer socks.
How many pairs of trainer socks does she get?

Q11. Here is part of a number line.

X
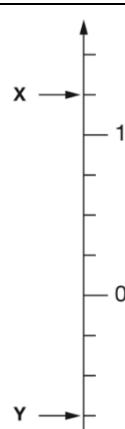
100   What is the value of X?

What is the value of Y?

0

Y

Q13. Here is a hexagon. Draw two straight lines across the hexagon to make two triangles and two quadrilaterals.
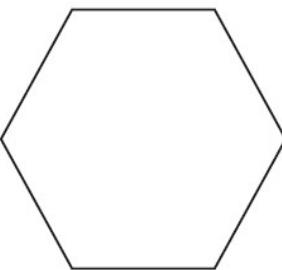
Q12.
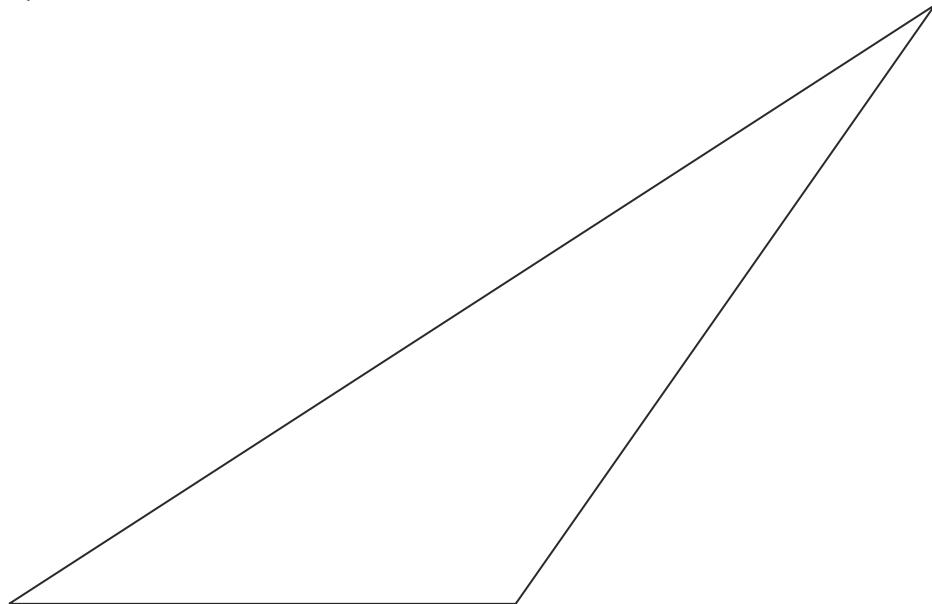

Measure the shortest side of this triangle in millimetres.

Measure the size of the largest angle in this triangle.

Q14. Calculate 16.72 × 5

Q15. Write the two missing digits.

$$\boxed{}\,\boxed{1}\,\boxed{} \;-\; \boxed{2}\,\boxed{} \;=\; 34$$

Q16. Liam has five coins.
Three of the coins add up to 30p.
Three of the coins add up to 40p.
All five coins add up to £1
What are the coins that Liam has?

p	p	p	p	p

Q17. This chart shows the population of Cornwall from 1950 to 2010.
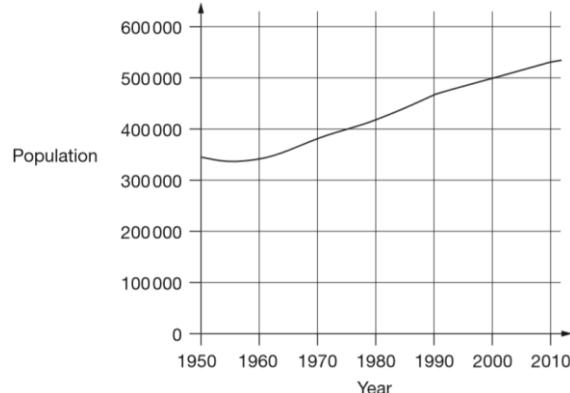
In which year did the population first reach 400 000?

How much did the population increase from 1950 to 2000?

What was the population of Cornwall in 2010?
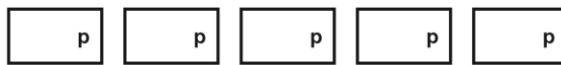
Q18. Calculate 55% of 640

**Q19.** This is Kirsty's recipe for breakfast cereal.
   50 grams of oats
   30 grams of raisins
   40 grams of nuts
If she uses 125 grams of oats, how many grams of raisins does she need?

Q20. Here is a rectangle.
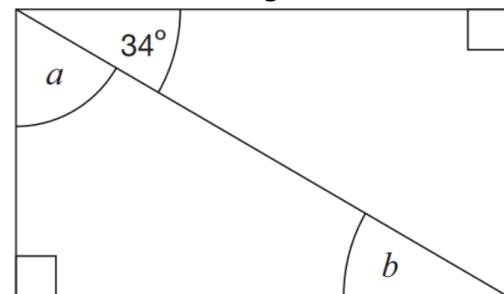
Calculate the size of angles a and b.

Q21. The difference between two numbers is 2
When each number is rounded to the nearest hundred, the difference between them is 100
Write what the two numbers could be.

Q22. This shape is made of wooden centimetre cubes.

How many more centimetre cubes are needed to make it into a solid cuboid 3 cm tall, 5 cm long and 5 cm wide?

Q23. Alfie says, 'When you multiply two numbers together, the answer is always greater than either of the numbers you started with.'
Is Alfie correct? Explain how you know.

Q24. A shop sells fruit.
Chen buys 2 apples and 3 bananas.
He pays £2.35
Megan buys 2 apples and 1 banana.
She pays £1.25
How much does one banana cost?