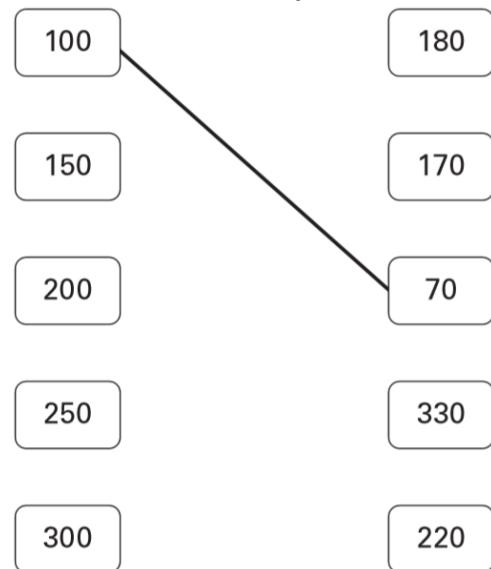




**Q1. Draw lines to join all the pairs of number cards which have a difference of 30  
One has been done for you.**



**Q2. Circle three numbers that add to make a multiple of 10**

11    12    13    14    15    16  
17    18    19



**Q4. These are the radio programmes one morning.**

7:00 Music show  
7:55 Weather report  
8:00 News  
8:15 Travel news  
8:25 Sport  
8:45 Holiday programme

**Josh turns the radio on at 7:25am.**

**How many minutes does he have to wait for the Weather report?**

**The Holiday programme lasts for 40 minutes.  
At what time does the Holiday programme finish?**



**Q5. Calculate  $56 \div 4$**



**Q7. A shop sells candles.**

plain candles - 35p each  
star candles - 60p each  
stripe candles - 85p each

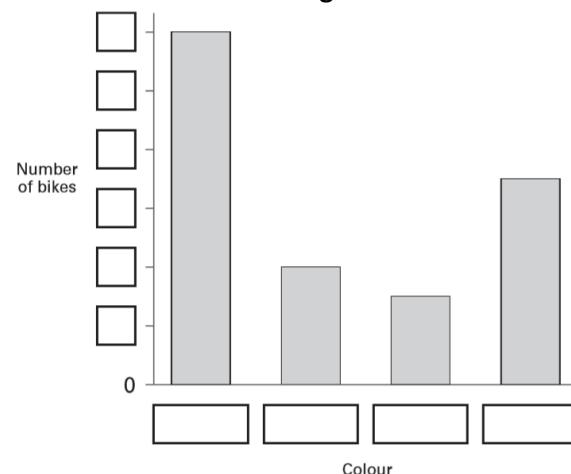
**Sapna buys 4 star candles and 2 stripe candles.  
How much does she pay altogether?**

*Special offer: Buy 10 candles and get 50p off.  
Josh buys 10 plain candles in the special offer.  
How much does he pay for the 10 candles?*

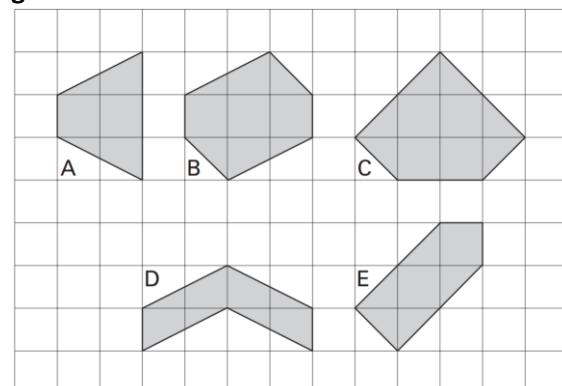
**Q3. Robbie collected information about the colours of some bikes. Here are his results.**

Colour	Number of bikes
green	4
red	7
blue	12
pink	3

**This bar graph shows the information from the table. Fill in all the missing labels.**



**Q6. Here are some shaded shapes on a square grid.**



**Write the letters of the two shapes which are hexagons.**

**Write the letters of the two shapes which have right angles.**



**Q8. Calculate  $1202 + 45 + 367$**



**Q9. Here are some digit cards.**



**Write all the three-digit numbers, greater than 500, that can be made using these cards. One has been done for you.**

626





**Q10. Tick the two numbers which have a total of 10**

0.01

0.11

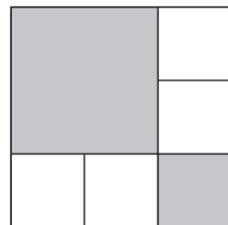
1.01

9.09

9.9

9.99

**Q11. The diagram is made of squares. What fraction of the diagram is shaded?**



**Q12. Write the correct sign >, < or =.**

$$(10 + 5) - 9 \quad \boxed{\phantom{00}}$$

$$(10 + 9) - 5$$

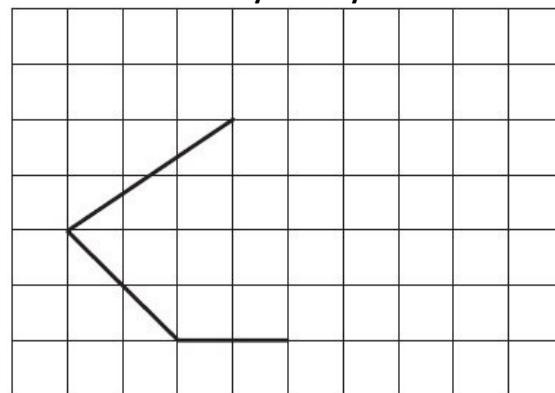
$$3 \times (4 + 5) \quad \boxed{\phantom{00}}$$

$$(3 \times 4) + 5$$

$$(10 \times 4) \div 2 \quad \boxed{\phantom{00}}$$

$$10 \times (4 \div 2)$$

**Q13. Draw two more lines to make a shape which has a line of symmetry.**



**Q14. Sapna makes up a game using seven cards. Here are the cards.**

1

2

3

4

5

6

7

Josh picks a card without looking.

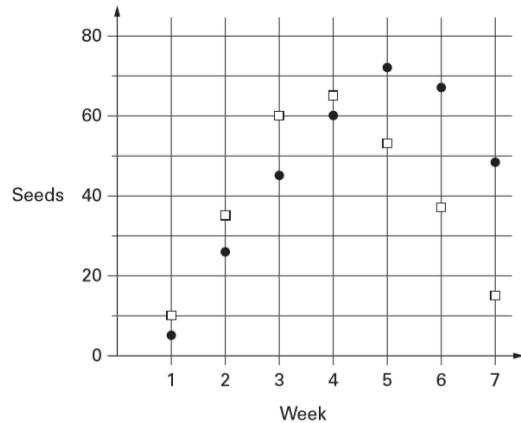
If Josh picks an odd number then Sapna scores a point. If Josh picks an even number then Josh scores a point.

Is this a fair game? Explain how you know.



**Q15. Class 6 count how many seeds they find under two trees. They show the data in a graph.**

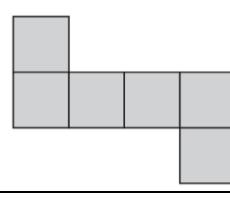
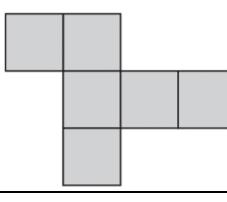
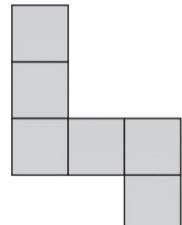
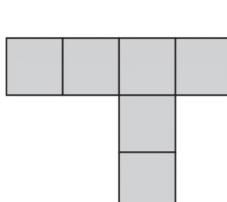
□ oak  
● chestnut



**Q16. Here are four diagrams.**

On each one, put a tick if it is a net of a cube.

Put a cross if it is not.



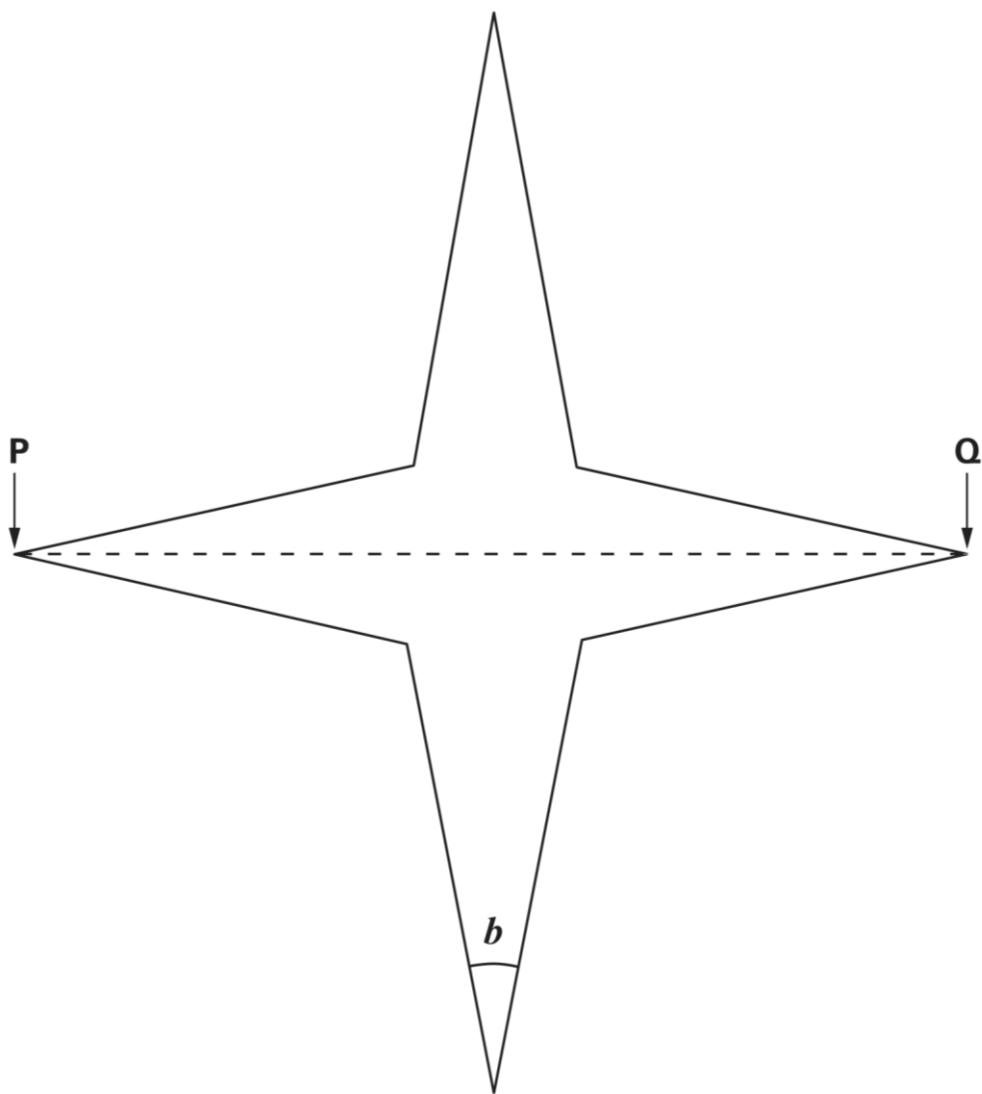
How many seeds did they find in week 3 altogether?

In how many weeks did they find more than 40 chestnut seeds?

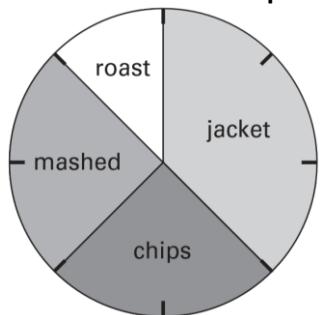


**Q17.** Use a ruler to measure accurately the width of the star, from P to Q.  
Give your answer in millimetres.

Use a protractor (angle measurer) to measure angle b.



**Q18.** This pie chart shows how the children in Class 6 best like their potatoes cooked.



**32 children took part in the survey.**  
**For each statement put a tick if it is correct.**

10 children like chips best.

25% of the children like mashed potatoes best.

1/5 of the children like roast potatoes best.

12 children like jacket potatoes best.

**Q19.** Find two square numbers that total 45

$$\boxed{\quad} + \boxed{\quad} = 45$$

**Q20.** Calculate  $143 \times 37$

**Q21.** For each of the four sentences below, put a tick if it is true. Put a cross if it is not true.

A triangle can have 2 acute angles.

A triangle can have 2 obtuse angles.

A triangle can have 2 parallel sides.

A triangle can have 2 perpendicular sides.



**Q22.** Write these fractions in order of size starting with the smallest.

$$\frac{3}{4}$$

$$\frac{3}{5}$$

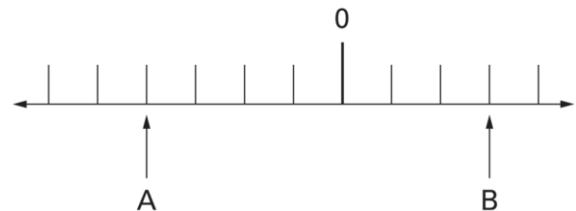
$$\frac{9}{10}$$

$$\frac{17}{20}$$



smallest

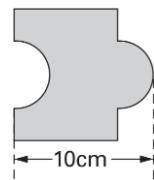
**Q23.** A and B are two numbers on the number line below.



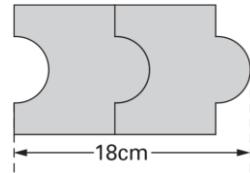
The difference between A and B is 140

Write the values of A and B.

**Josh has some tiles.**  
Each tile is 10 cm long.



Two tiles fitted together are 18 cm long.



Calculate the length of five tiles fitted together.

