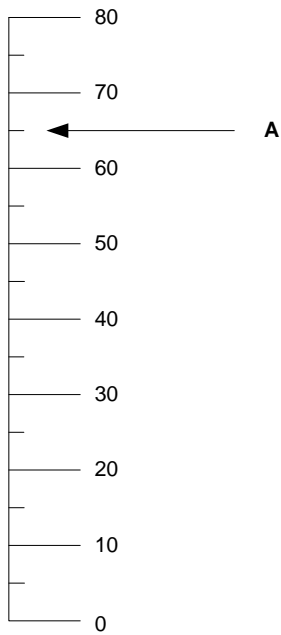


1. Here is a number line.



a) What number is shown by the arrow **A**?

b) Draw an arrow to show the position of **47**.

2. Write the next **three** numbers in each sequence.

a) 10 15 20 25

b) 50 45 40 35

c) 48 40 32 24

3. Write two number sentences using only the numbers **4**, **6** and **24**.

a) $\square \times \square = \square$

b) $\square \div \square = \square$

4. Tick the statements that are true and cross the statements that are false.

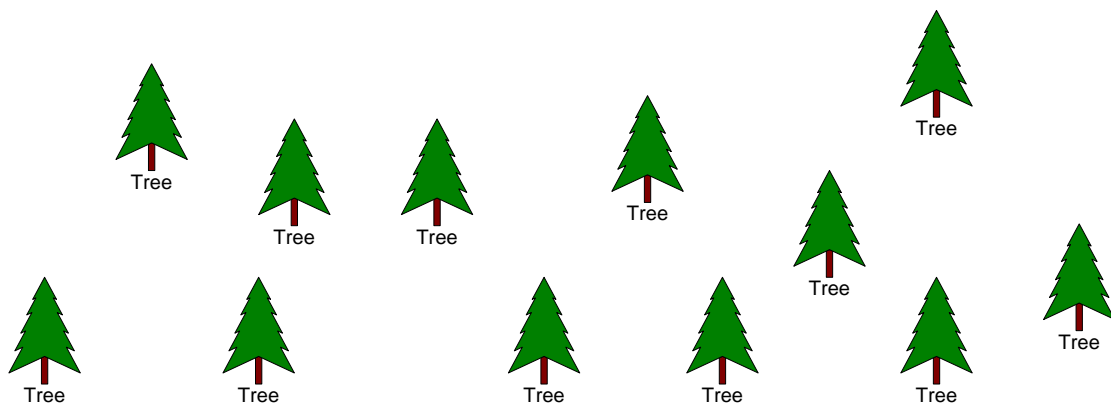
12 + an even number = an odd number

5 + an even number = an odd number

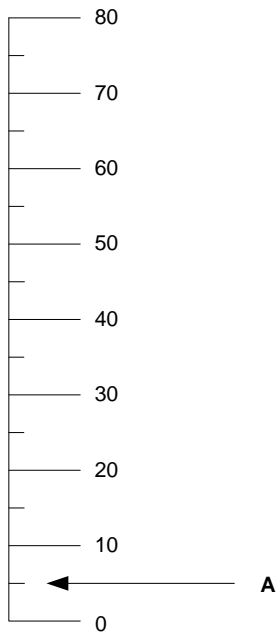
9 + an odd number = an even number

8 + an odd number = an even number

5. Draw a ring round $\frac{3}{4}$ of the trees.



6 Below is a number line.



- a) What number is marked by arrow A?
- b) Draw an arrow to show each of the positions of **38** and **21**.

7. Find the missing numbers.

a) $20 + \square - 20 = 35$

b) $300 + \square + 8 = 358$

8. There are **four hundred and thirty** seats on a boat.

283 seats are sold before the boat reaches the dock.

59 seats are sold at the dockside.

How many spare seats are there when the boat sets sail?

9. In a bag of sweets, Tom gets **5 toffees, 3 mints** and a **drumstick lolly**.

Tom buys some more bags of sweets, each containing the **same mixture**.

- a) If Tom had **25 toffees** altogether, how many **mints** would he have?

- b) If Tom had **36 sweets altogether** (including the drumstick lollies), how many **toffees** would he have?

- c) If **toffees** cost **5p** each, **mints** cost **2p** each and **drumstick lollies** cost **9p** each, how many bags of sweets could Tom buy for **£2**?

10. **15** girls make **30** buns for a cake stall at the school fair.

- a) How many buns were made by **7** girls?

- b) If buns sold for **20p** each, how much did the girls make altogether if there were **three** buns left at the end of the sale?

11. Put these fractions into order starting with the smallest.

$$\frac{3}{9} \quad \frac{1}{9} \quad \frac{9}{9} \quad \frac{4}{9} \quad \frac{7}{9}$$

12. Cameron and Ellie ate a pizza. Cameron had **one quarter** of the pizza and Ellie ate **three-eighths**. How much of the pizza was left?

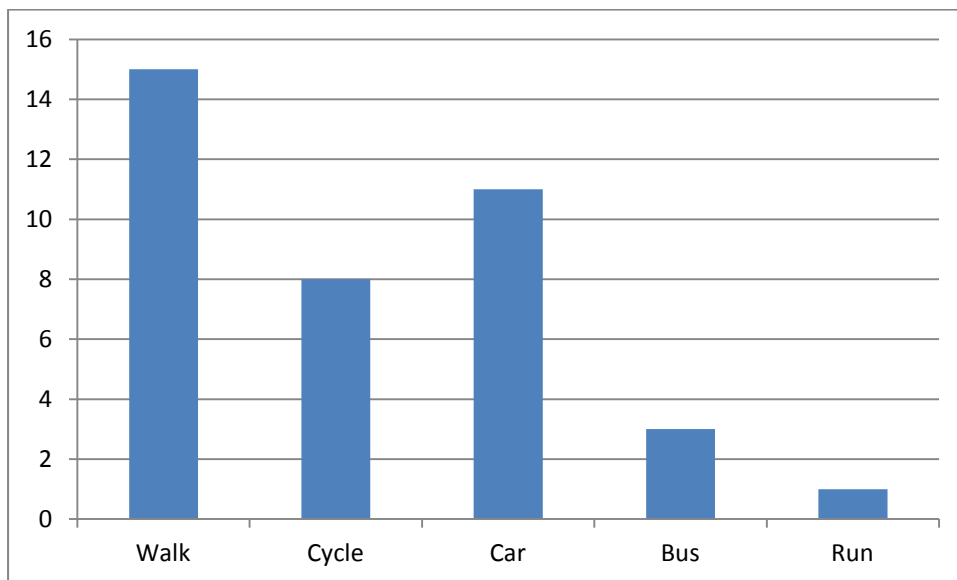
13. Measure the perimeter of this oblong.



14. Which is heavier: **half of three kilograms** or 3×400 g.

Explain how you know:

15. Below is a chart showing how people get to school.



- a) How many people were asked how they got to school?
- b) How many people walk to school?
- c) How many more people travel by car than bus?
- d) How many fewer people travel by bus than cycle?

16. $6 + 4$, $12 - 2$, $20 \div 2$, 2×5 all have the same answer. That answer is 10.

To answer this question, you have to write down four questions.

One must be an add. One must be a take away. One must be a times and one must be a divide.

All the questions must have the answer, 20.

17. I am thinking of a number less than fifty.

It is a multiple of six.

It ends in a zero.

What is my number?

18. I am thinking of a number between 50 and 100.

It is a multiple of ten.

It is also a multiple of eight.

What is my number?

19. A teacher eats a third of the Mini-Rolls that he has in the pack in front of his class.

He eats four mini-rolls.

How many are left in the pack?

20. John buys three metres of ribbon.

It costs 75p per metre.

How much change does he get from a £5 note?

