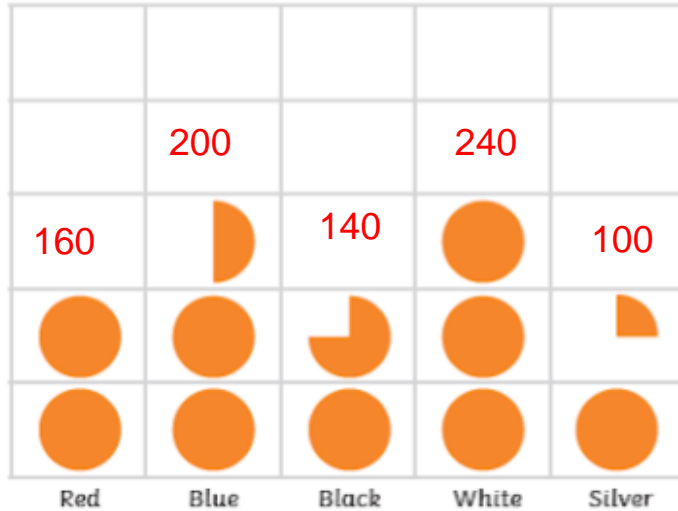


This pictogram shows how many cars were sold in a month.



$$\frac{1}{4} \text{ of } 80 \\ = 20$$



$$\frac{1}{2} \text{ of } 80 \\ = 40$$



$$\frac{3}{4} \text{ of } 80 \\ = 60$$



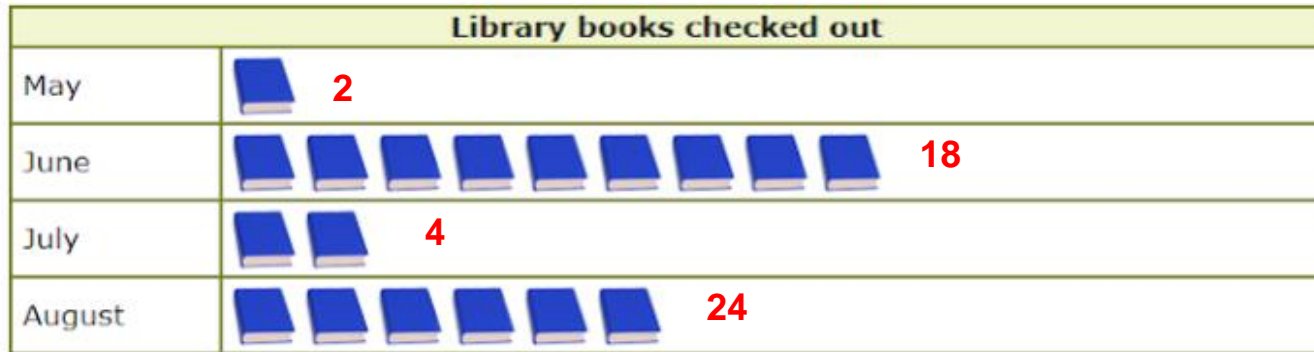
How many blue cars were sold?

Answer: 200 cars

How many black cars and silver cars were sold in total?

Answer: $140 + 100 = 240$ cars

Look at this pictograph:



Each  = 2 books

How many books were checked out in total?

Answer: $2 + 18 + 4 + 24 = 48$

Travelling to the Supermarket



How many people walked? **16**

How many people used a bicycle? **7**

Which mode of transport was used by 12 people?
Bus

How did most people travel to the supermarket?
By car

How many people did NOT travel by car? **$12 + 16 + 7 + 14 = 49$**

What is the difference between the number of people who came by car and the number who rode a bicycle? **$29 - 7 = 22$**

How many people were asked altogether were asked? **$29 + 12 + 16 + 7 + 14 = 78$**

These pictures show the number of goals each child scored in a football tournament.

Find the mean number of goals scored.

mean = sum of numbers in the set ÷
the number of values that make up the set



Answer: $16 / 4 = 4$

Six students try a puzzle.

The times taken to complete the puzzle are below

Student	Time Taken
Anna	16 seconds
Beth	12 seconds
Charlie	19 seconds
Dylan	9 seconds
Emma	10 seconds
Freddie	18 seconds

$$\begin{aligned} \text{Answer: } & 18 + 12 = 30 \\ & + 16 = 46 + 9 = 55 + \\ & 10 = 65 + 19 = 84 \end{aligned}$$

$$84 / 6 = 14 \text{ seconds}$$

Work out the mean time taken to complete the puzzle

Three numbers have a mean of 10.

All three numbers are different.

Write 3 possible numbers on the cards

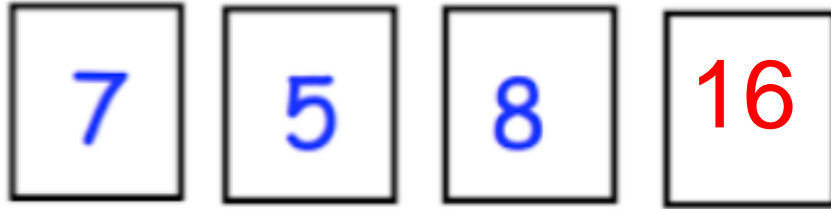


This is one possible set.

All three numbers must add up to 30 to have a mean of 10.

Here are four number cards.

The mean of the numbers on the four cards is 9



$$7 + 5 = 12 + 8 = 20$$

**Last number must be
16 as $4 \times 9 = 36$**

$$36 - 20 = 16$$

Work out the missing number

Each week, Jacob, Emily and Adil record their scores in their spelling test of 20 words.

Find the mean score for each child over the 6 weeks.

	Jacob	Emily	Adil
Week 1	13	18	19
Week 2	20	20	18
Week 3	16	17	20
Week 4	17	18	15
Week 5	10	15	7
Week 6	14	20	17
Mean Score	$90 / 6 = 15$	$108 / 6 = 18$	$96 / 6 = 16$