

- 1 The table shows the ages of people in a theme park.

Age	Number of people
Under 18	126
18 - 60	195
Over 60	38

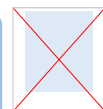
These are the entry costs.

How much money did the theme park make from entry costs? **£2,846**



$$126 \times 5 = 630 \quad 38 \times 7 = 266$$

$$195 \times 10 = 1,950 \quad 630 + 1,950 + 266 = 2,846$$

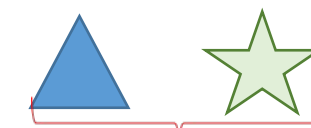
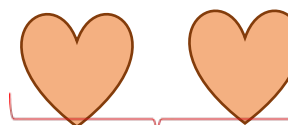


Given that

$$100 \div 2 = 50$$



100



78

28

50

Work out the value of the

$$78 - 50 = 28$$

$$28 \div 2 = 14$$



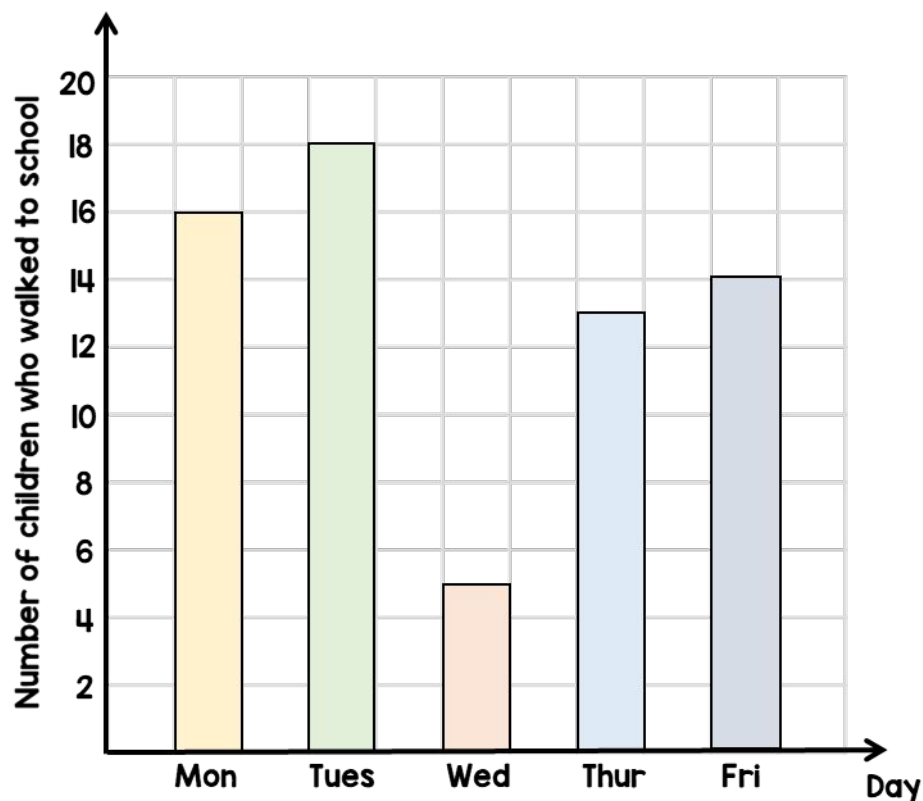
14

- 3 What are the missing numbers?

$$\boxed{4.2} \times 10 = 42$$

$$\boxed{420} \div 10 = 42$$

- 1 There are 25 children in a class.
The bar chart shows the number of children in the class who walk to school each day.



- (a) What percentage of the class walked to school on Thursday?

$$13 \times 4 = 52 \quad 52\%$$

- (b) One of the days it rained.

Which day do you think it was?

Explain to your friend.

Wednesday, because the least number of children walked.

- 2 Order the following numbers.
Start with the smallest.

3.1

$\frac{18}{5}$

$3\frac{1}{4}$

$$\frac{18}{5} = 3\frac{3}{5} = 3.6 \quad 3\frac{1}{4} = 3.25$$

$$3.1, 3\frac{1}{4}, \frac{18}{5}$$

1 Workers in a factory make toys.

- On Monday they make 2,350 toys.
- On Tuesday they make 235 more toys than they did on Monday.

By Wednesday they have to make 7,500 toys in total.

How many toys do they need to make on Wednesday to make 7,500 in total?

$$\begin{aligned}2,350 + 235 &= 2,585 \\2,350 + 2,585 &= 4,935 \\7,500 - 4,935 &= 2,565\end{aligned}$$

They need to make 2,565 toys on Wednesday.

2



Carrots
£1.80 per kg

How much does 250 g of carrots cost? $1.80 \div 4 = 0.45$

250 g of carrots cost 45p

3



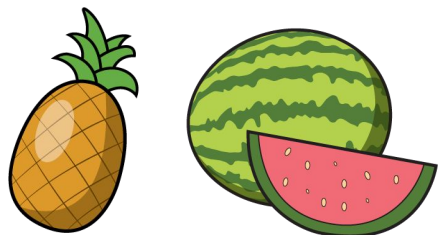
Parsnips
£2.60 per kg

How much does 300 g of parsnips cost? $2.60 \div 10 = 0.26$

$$0.26 \times 3 = 0.78$$

300 g of parsnips cost 78p

- 1 The cost of a pineapple is half the cost of a melon.



£3.50 each

$$3.50 \div 2 = 1.75$$

$$3.50 + 1.75 = 5.25$$

How much does the pineapple and melon cost altogether?

They cost £5.25 altogether.

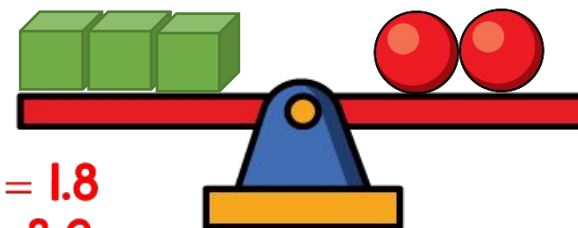
- 2 Tommy thinks of a number.

5 is a factor of my number



Does Tommy's number have to be odd? Explain your answer. **5 is a factor of 20
20 is even.**

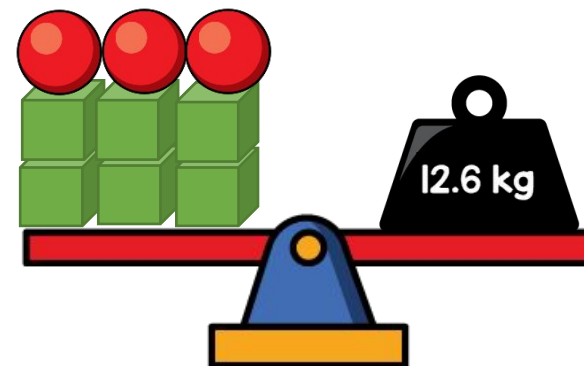
- 3 Gina balances some scales.



$$12.6 \div 7 = 1.8$$

$$1.8 \times 2 = 3.6$$

$$3.6 \div 3 = 1.2$$



What is the mass of a cube?

The mass of a cube is 1.2 kg.

- 1 Here are some digit cards.



Find the 4-digit number that is closest to 5,000

You may use each card only once.

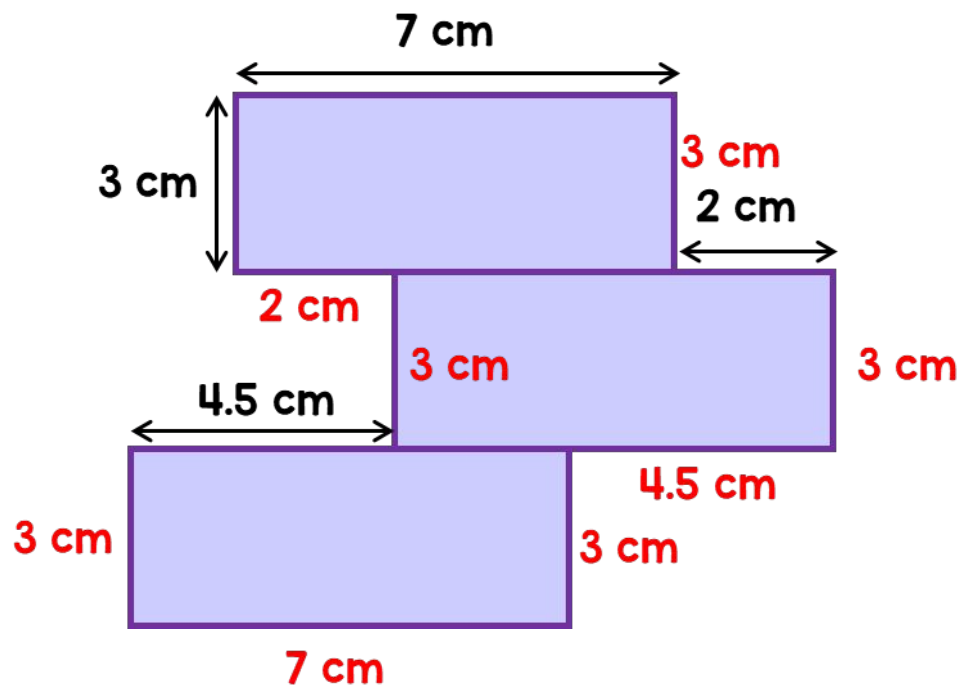
4,951

- 2 Complete the number sentences.

$$65 + \boxed{14} = 79$$

$$83 + 28 = 82 + \boxed{29}$$

- 3 Three identical rectangles are arranged to make a shape.



What is the perimeter of the shape? 45 cm