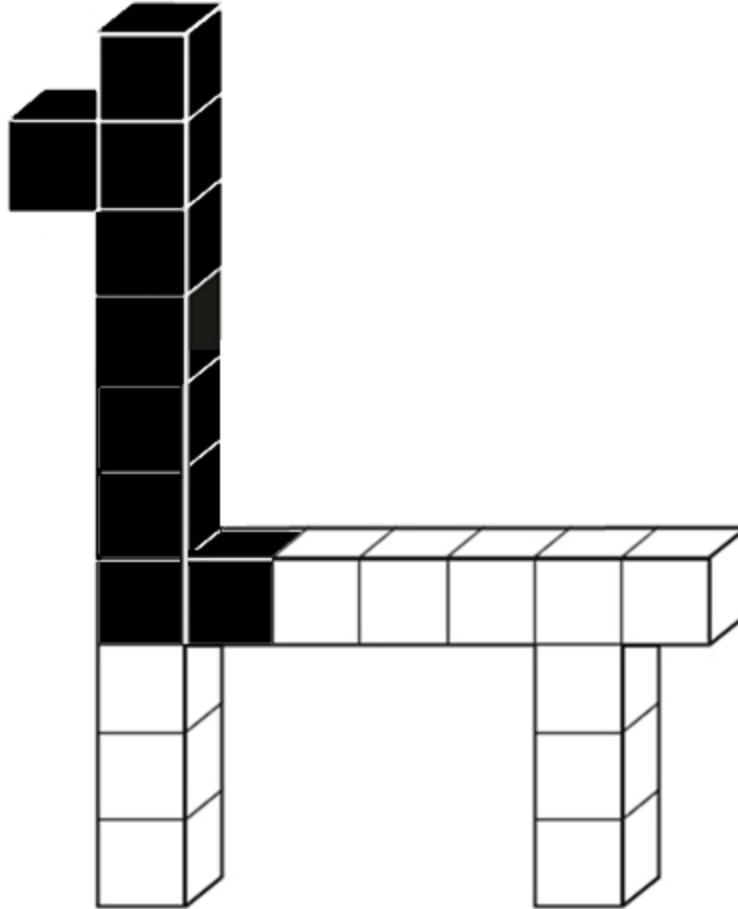


1.

This model is made with 20 cubes.



What **percentage** of the cubes in the model is black?

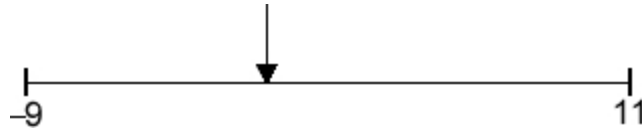
 %

1 mark

2.

A number line starts at **-9** and finishes at **11**

What number is $\frac{2}{5}$ of the way along the number line?



Show
your
method

--

2 marks

3.

I cut off $\frac{4}{10}$ m.



How much rope is left?

	m
--	---

1 mark

4.

Sharif wants to walk a long distance, for charity, over **6** weekends.

The total distance Sharif wants to walk is **293km**.

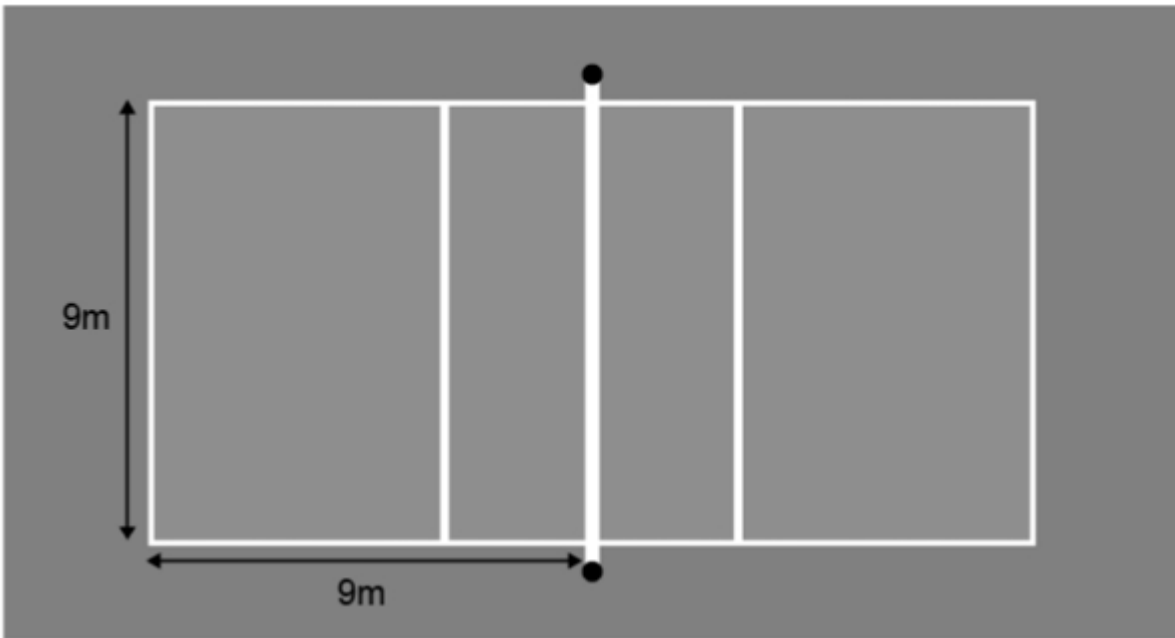
Approximately how far should he walk each weekend?

km

1 mark

5.

Each half of a volleyball court is a $9\text{m} \times 9\text{m}$ square.



What is the total area of a volleyball court?

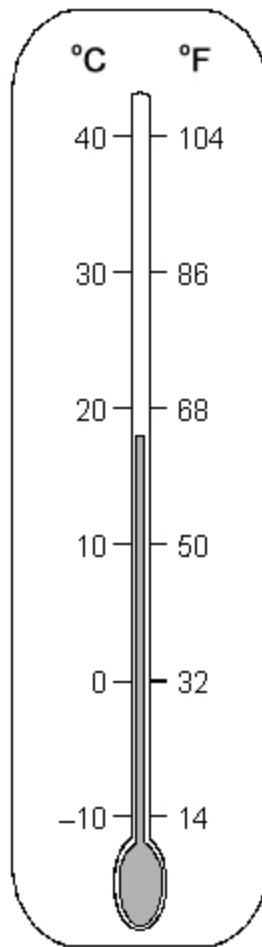
m^2

1 mark

6.

Temperatures

The thermometer shows temperatures in °C and °F.



Work out the missing values.

50°C is the same temperature as _____ °F

1 mark

-20°C is the same temperature as _____ °F

1 mark

_____ °C is the same temperature as **41°F**

1 mark