



Find the perimeter of the rectangle.

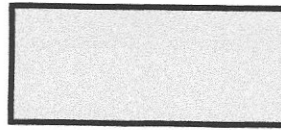
$$\frac{1}{5} + \frac{1}{5} = \frac{2}{5}$$

$$\frac{7}{9} + \frac{7}{9} = \frac{14}{9}$$

$$\frac{2}{5} + \frac{14}{9} = \frac{18}{45} + \frac{70}{45} = \frac{88}{45}$$

$$\frac{7}{9} \text{ m}$$

$$\frac{1}{5} \text{ m}$$



$$1 \frac{43}{45} \text{ m}$$

The table shows the ages of all the members of a family.

$$2185 \div 50$$

$$43.7$$

Age	Frequency	$f \times x$
$0 < A \leq 10$	4	20
$10 < A \leq 20$	9	135
$20 < A \leq 40$	12	360
$40 < A \leq 60$	11	550
$60 < A \leq 100$	14	1120
	50	2185

Calculate an estimate of the mean.

$$43.7$$

Dennis says that the range of the ages is 48 years.

Is Dennis correct? Explain why.

No

minimum range is $\approx 60 - 10 = 50$

Shown is a logo.

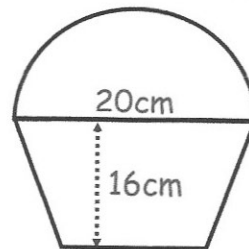
Calculate the area of the logo.

$$20 + 12 = 32$$

$$32 \div 2 = 16$$

$$16 \times 16 = 256$$

$$\frac{1}{2} (\pi \times 10^2) = 157.07 \dots$$



$$413.08 \text{ cm}^2$$

Hassan reads 40% of a book on Monday night.

He reads 30% of the remaining pages on Tuesday night.

What percentage of the book has he read in total?

$$30\% \text{ of } 60 = 18$$

$$40 + 18 = 58\%$$