

Jack takes part in a sponsored silence.

He says,



If I am silent for five hours at 10p per minute, I will raise £50

Do you agree with Jack?

Explain why you agree or disagree.

Jack is incorrect.

There are 60 minutes in an hour so

$$60 \times 10\text{p} = 600\text{p}$$

or £6

$$£6 \times 5 = £30$$

Dora says,



To convert hours to minutes, I multiply the number of hours by 60

Is she correct? Can you explain why?

Dora is correct. For example

$$1 \text{ hour} = 60 \text{ minutes}$$

minutes

$$1 \times 60 = 60$$

$$2 \text{ hours} = 120 \text{ minutes}$$

minutes

$$2 \times 60 = 120$$

Five friends run a race.

Their times are shown in the table.

Name	Time
Eva	114 seconds
Dexter	199 seconds
Teddy	100 seconds
Whitney	202 seconds
Ron	119 seconds

Which child finished the race the closest to two minutes?

What was the difference between the fastest time and the slowest time?

Give your answer in minutes and seconds.

Ron was the closest to two minutes, as he is one second quicker than 2 minutes (120 seconds).

Fastest time 100 seconds, slowest time 202 seconds.

The difference between the fastest and slowest time is 1 minute and 42 seconds.