

# Calculations

## Time Seconds

## Distance Metres

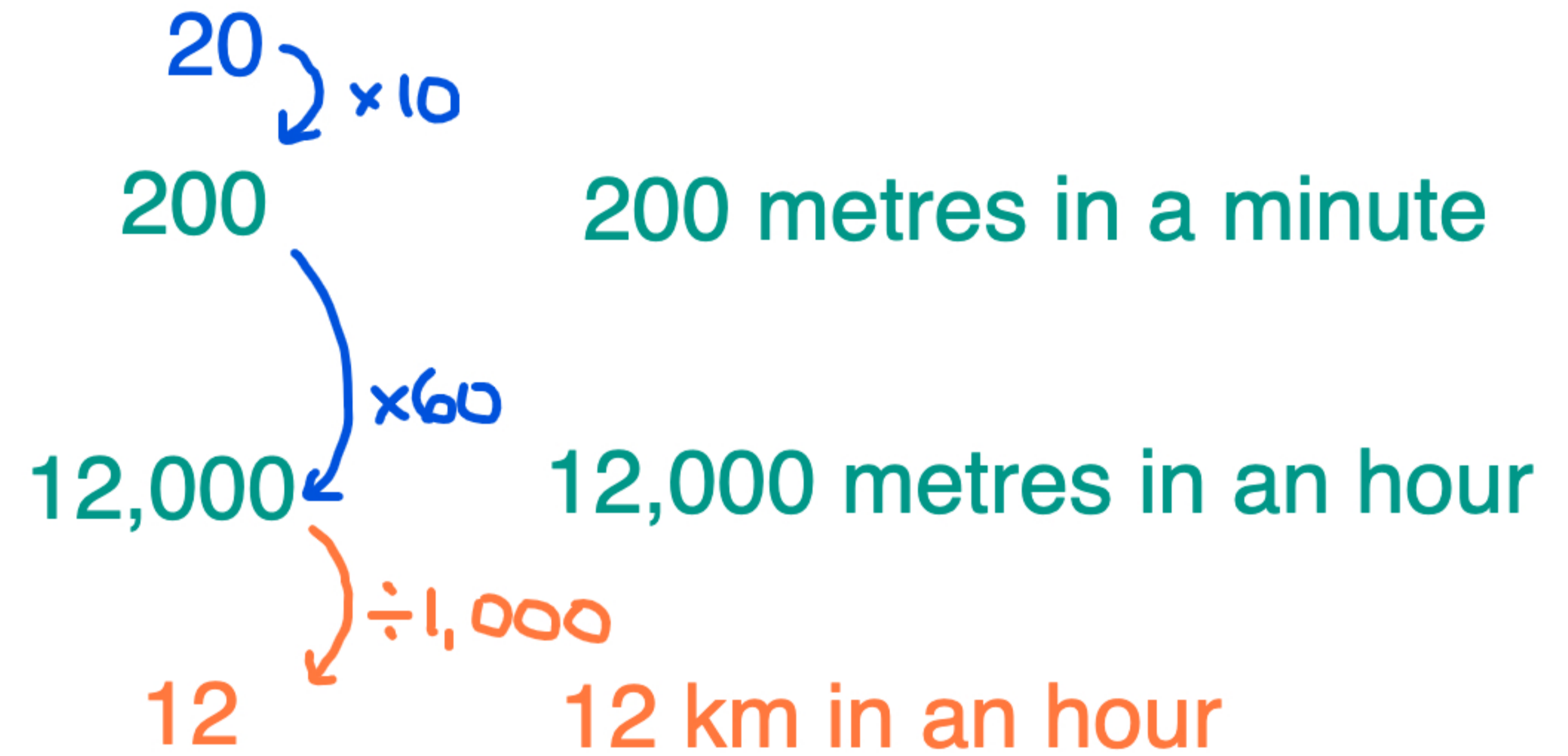
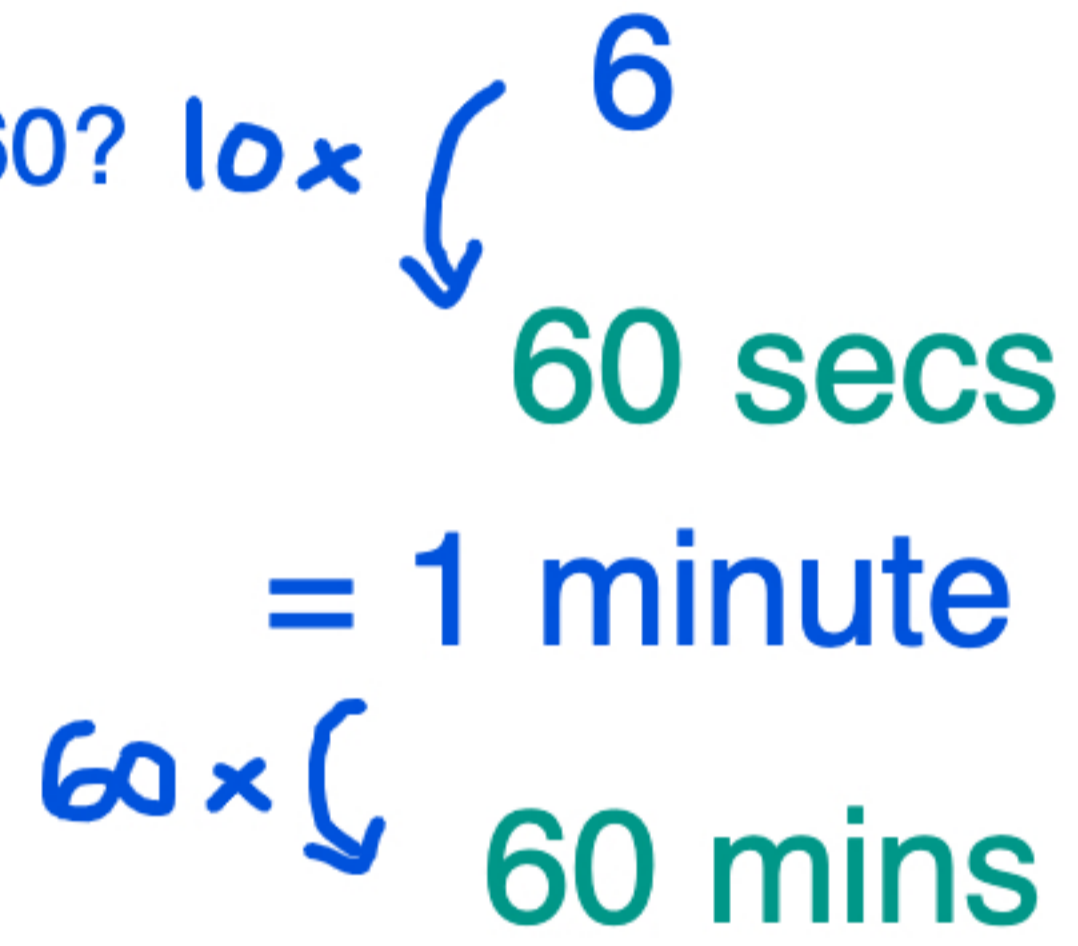
### Barley

What do you need to multiply 6 by to get 60?  $10 \times$

How far in a minute?

How far in an hour?

How many kilometres is that?



# Calculations

Time  
Seconds

Distance  
Metres

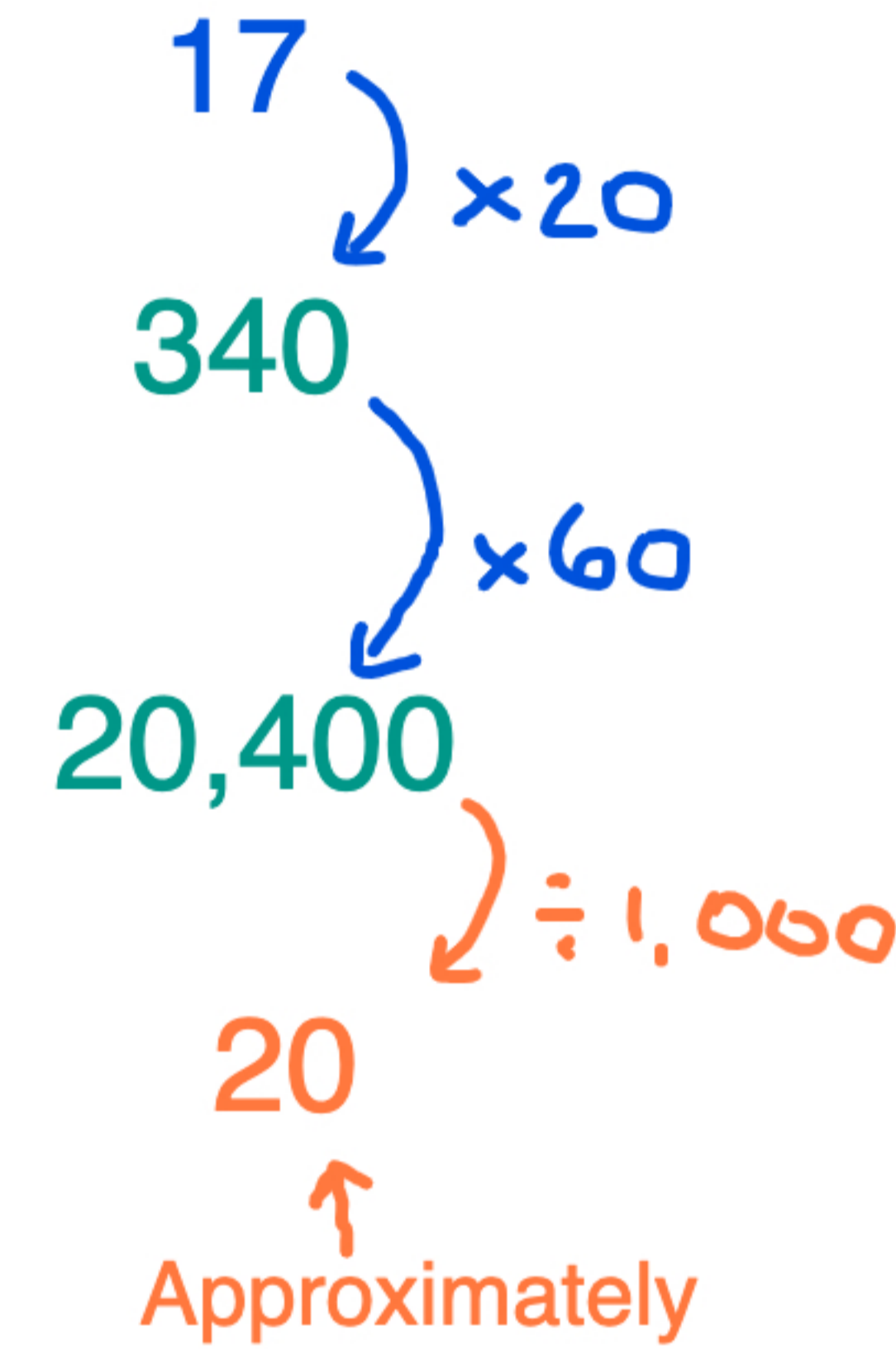
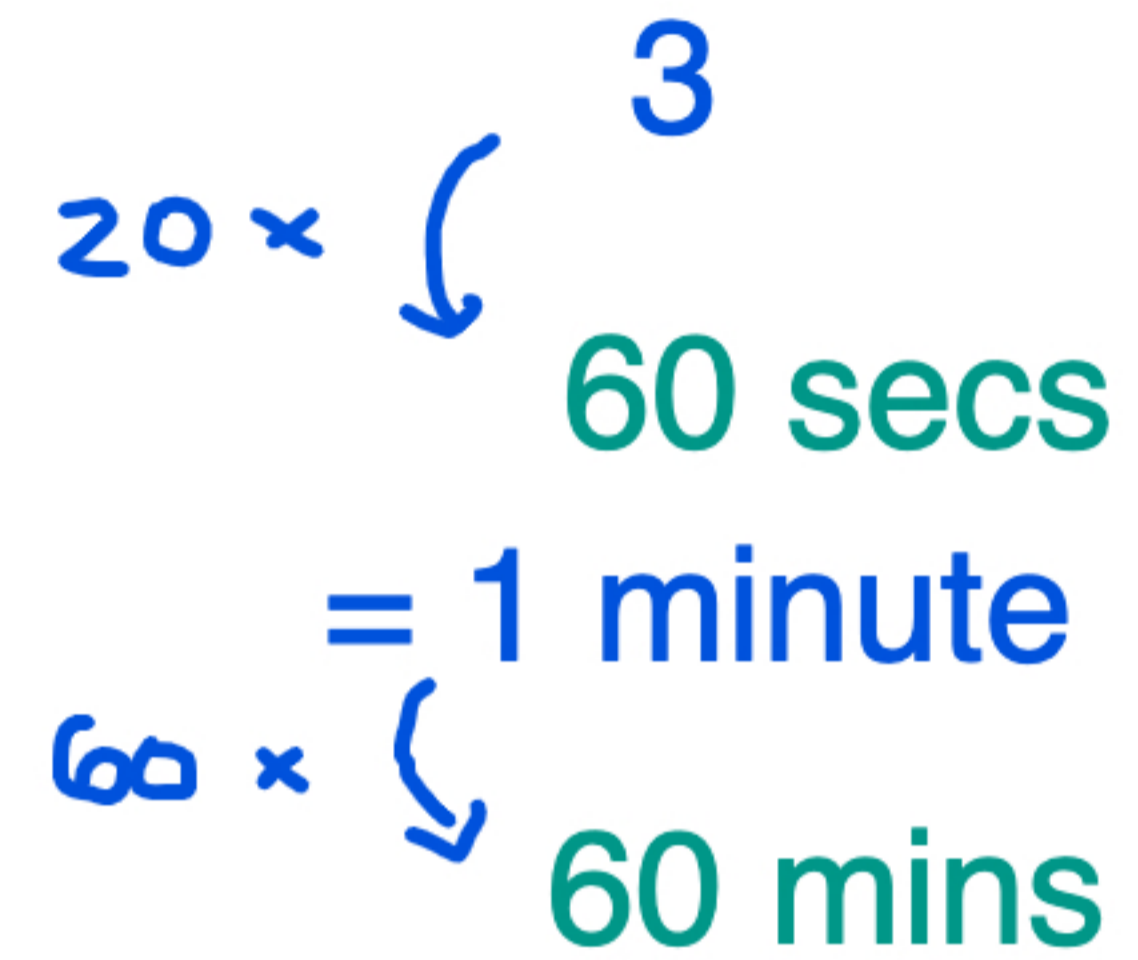
## Brewster

What do I need to multiply 3 by to get 60?

How far in a minute?

How far in an hour?

How many kilometres is that?



340 metres in a minute

20,400 metres in an hour

20 km in an hour

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### Cookie

What do I need to multiply 3 by to get 60?

How far in a minute?

How far in an hour?

How many kilometres is that?

$$\begin{array}{l}
 20 \times \quad \swarrow \quad 3 \\
 \quad \quad \quad \searrow \\
 \quad \quad \quad 60 \text{ secs} \\
 60 \times \quad \swarrow \\
 \quad \quad \quad \searrow \\
 \quad \quad \quad = 1 \text{ minute} \\
 \quad \quad \quad \searrow \\
 \quad \quad \quad 60 \text{ mins}
 \end{array}$$

$$\begin{array}{l}
 15 \quad \searrow \times 20 \\
 \quad \quad \quad \searrow \\
 \quad \quad \quad 300 \\
 \quad \quad \quad \searrow \times 60 \\
 \quad \quad \quad 18,000 \\
 \quad \quad \quad \searrow \div 1,000 \\
 \quad \quad \quad 18
 \end{array}$$

300 metres in a minute

18,000 metres in an hour

18 km in an hour



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### Simba

What do I need to multiply 5 by to get 60?

How far in a minute?

How far in an hour?

How many kilometres is that?

$$\begin{array}{l}
 12 \times 5 \\
 \quad \searrow \\
 \quad 60 \text{ secs} \\
 = 1 \text{ minute} \\
 60 \times 60 \\
 \quad \searrow \\
 \quad 60 \text{ mins}
 \end{array}$$

$$\begin{array}{l}
 2 \times 12 \\
 \quad \searrow \\
 \quad 24 \\
 \quad \searrow \times 60 \\
 \quad 1440 \\
 \quad \searrow \div 1,000 \\
 \quad 1 \\
 \quad \uparrow \\
 \text{Approximately}
 \end{array}$$

24 metres in a minute

1,440 metres in an hour

1 km in an hour

# Calculations

## Time Seconds

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**Trixie**

What do I need to multiply 4 by to get 60?

How far in a minute?

How far in an hour?

How many kilometres is that?

$$\begin{array}{l}
 15 \times 4 = 60 \text{ secs} \\
 60 \times 60 = 3600 \text{ secs} \\
 3600 \div 60 = 60 \text{ mins}
 \end{array}$$

$$\begin{array}{l}
 20 \times 15 = 300 \\
 300 \times 60 = 18,000 \\
 18,000 \div 1,000 = 18 \text{ km}
 \end{array}$$

300 metres in a minute

18,000 metres in an hour

18 km in an hour

# Calculations

## Time Seconds

## Distance Metres

Archie

What do I need to multiply 2 by to get 60?

How far in a minute?

How far in an hour?

How many kilometres is that?

$$\begin{array}{l}
 30 \times 2 = 60 \text{ secs} \\
 60 \times 60 = 3600 \text{ secs} \\
 3600 \div 60 = 60 \text{ mins}
 \end{array}$$

$$\begin{array}{l}
 10 \times 30 = 300 \\
 300 \times 60 = 18000 \\
 18000 \div 1000 = 18 \text{ km}
 \end{array}$$

300 metres in a minute

18,000 metres in an hour

18 km in an hour