1 Recall the equation that links **distance**, speed and time

2 What is unit for a) speed b) distance c) time

3 Rearrange the equation for **speed**

4 Rearrange the equation for **time**

5 a) How many seconds does it take an object travelling at 4 m/s to travel 200 m ?
b) How many seconds does it take an object travelling at 8 m/s to travel 200 m ?
c) How many seconds does it take an object travelling at 8 m/s to travel 400 m ?

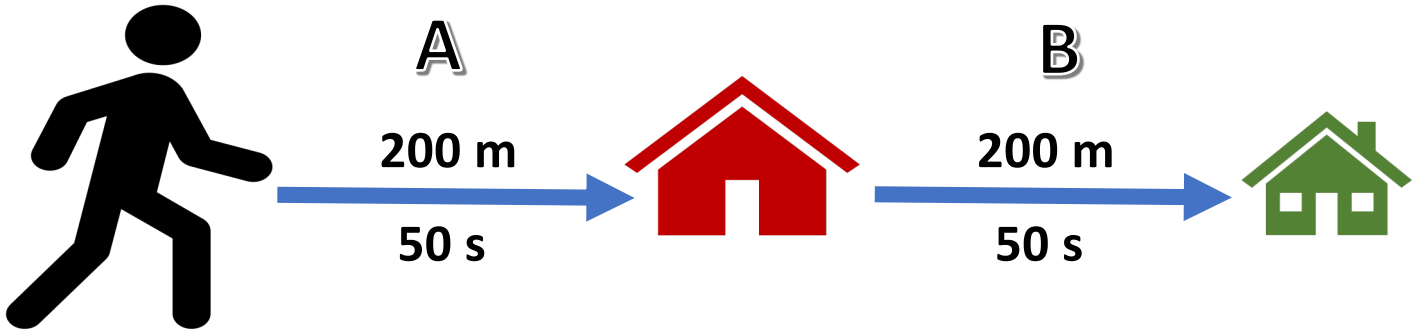
6 a) How many metres does it take for an object travelling at 4 m/s for 20 s ?
b) How many metres does it take for an object travelling at 4 m/s for 40 s ?
c) How many metres does it take for an object travelling at 8 m/s for 40 s ?

7 a) What is the speed (in m/s) of an object that travelled 300 m in 15 s ?
b) What is the speed (in m/s) of an object that travelled 600 m in 15 s ?
c) What is the speed (in m/s) of an object that travelled 600 m in 30 s ?

8 a) How many **seconds** does it take an object travelling at 20 m/s to travel 500 m ?
b) How many **metres** does an object travel travelling at a speed of 34 m/s for 50 s ?
c) What is the **average speed (m/s)** of an object that travelled 1000 m in 20 s ?

9 a) How many **minutes** does it take an object travelling at 8 m/s to travel 240 m ?
b) How many **metres** does an object travel travelling at a speed of 20 m/s for 12 min ?
c) What is the **average speed** (m/s) of an object that travelled 25 km in 20 minutes ?

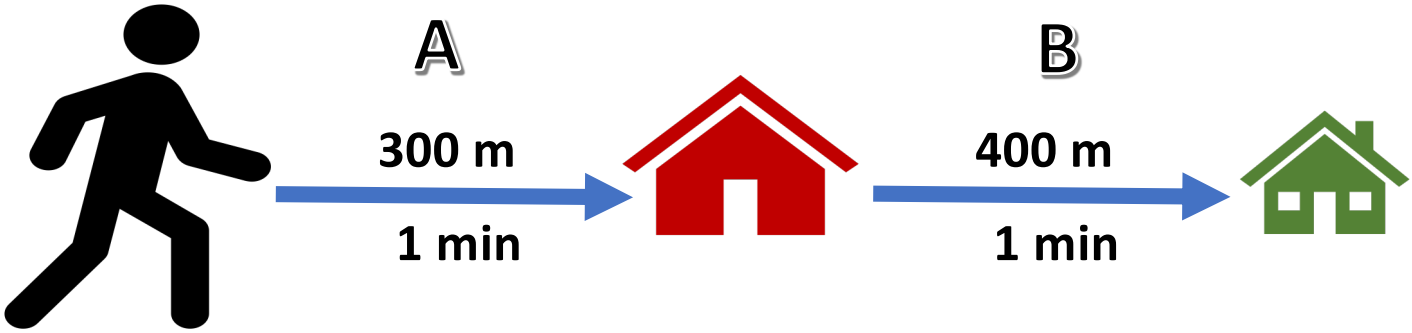
10 a) How many **minutes** does it take an object travelling at 16 m/s to travel 1.44km ?
b) How many **kilometres** does an object travel travelling at 8 m/s for 2 hours 30 mins ?
c) What is the **average speed (m/s)** of an object that travelled 99 km in 4 hours 15 mins?




1 Calculate the average speed of the person during part A

2 Calculate the average speed of the person during part B

3 Calculate the average speed of the person during the whole journey




1 Calculate the average speed of the person during part A

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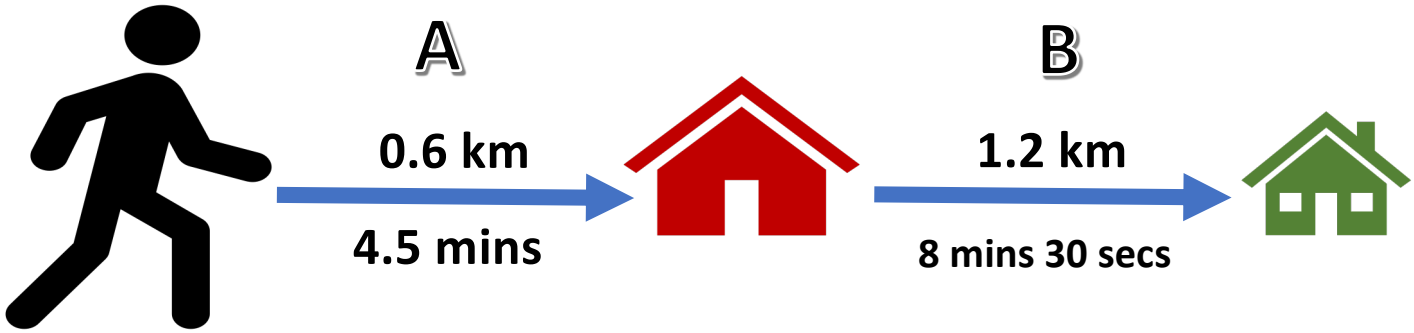
3 Calculate the average speed of the person during the whole journey

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