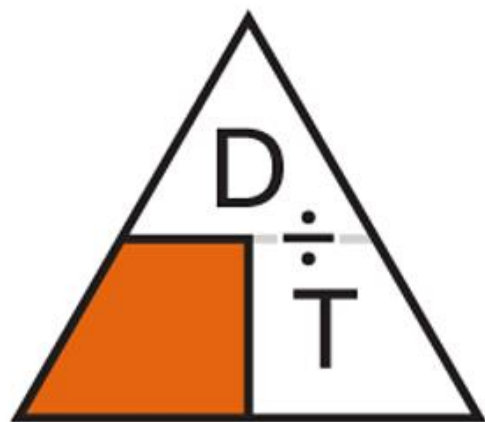
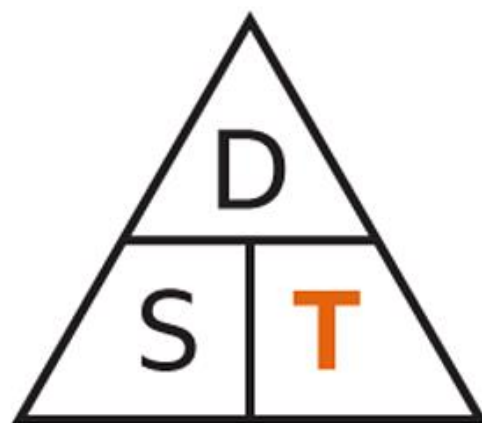
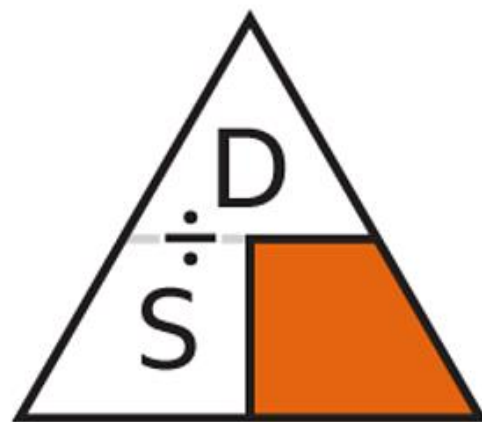




Calculating Speed



Speed



Time

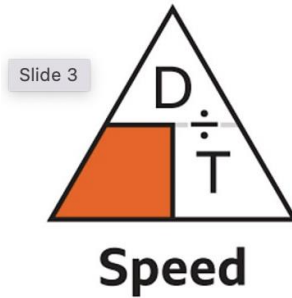


Distance

Example



The cruise ship travelled 66 miles in 2 hours. What is the speed of the ship?



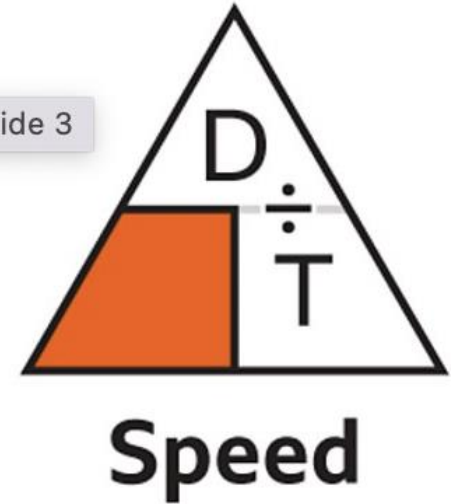
The ship slowed down to a speed of 20mph. How far did the ship travel in 4 hours?



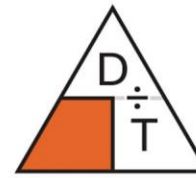
Cool

- I drive 12 miles in 4 hours. What is my speed?
- If you cycle 10 miles in 2 hours, what is your speed?
- A truck travels 110 miles in 2 hours. What is the average speed of the truck?
- A man walks 20 km in 4 hours. Find his speed.
- A car drives 120 miles in 3 hours. Calculate the average speed, in mph, of the car
- If you rollerskate 20 miles in 4 hours, what is your speed?
- At 14 mph, how long does it take to travel 14 miles?

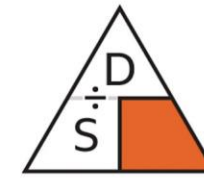
Slide 3



Medium



Speed



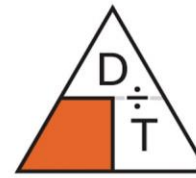
Time



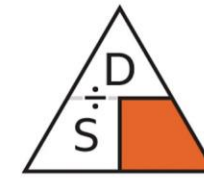
Distance

- Matthew jogs 300 metres at 4m/s. Work out how long it takes Matthew.
- A helicopter flies 240 miles in 2 hours. Calculate the average speed, in mph, of the helicopter.
- The distance between two cities is 2898 miles. The plane journey took 6 hours. Calculate the average speed of the plane.
- A train travels 604km in 4 hours. What is its average speed?
- If a car goes at 20 miles per hour, how far does it travel in 6 hours?
- If a car goes at 30 miles per hour, how long does it take to travel 120 miles?

Spicy



Speed



Time



Distance

- What distance does an aeroplane travel, flying at 380mph for nine hours?
- How long does it take to drive 540 miles, driving at an average speed of 60mph?
- If a pet cat's top speed is 30mph, how long would it take to run 3 miles?
- A mouse can run at 8mph. How far can it run in 15 minutes?
- Loch Ness is approximately 36km long. How long would it take a swimmer, swimming at an average speed of 4km/h, to swim the Loch?
- A snail has taken one hour to crawl 0.6 meters. What is its average speed?

Extension:

Bike Ride

Age 7 to 11

Challenge Level ★

Nirmala and Riki live in different villages.

Both villages are 9 kilometres away from the nearest market.

Nirmala rides her bike at 6 kilometres per hour and Riki rides his at 4 kilometres an hour.

They both want to arrive at the market at exactly noon.

What time should each of them start riding?

