

$$S = \frac{\Delta D}{\Delta T}$$

Speed Speed Questions

60 mph
90 mph
80 mph
240 mph

- 1 Write the equation for speed.
- 2 What is the speed of a vehicle that travels 60 miles in one hour.
- 3 What is the speed of a vehicle that travels 90 miles in one hour.
- 4 What is the speed of a vehicle that travels 40 miles in one half hour.
- 5 What is the speed of a vehicle that travels 60 miles in one quarter hour.

What is the speed given the following distances and time?

- 6 distance = 9 meters time = 3 seconds
- 7 distance = 25 meters time = 5 seconds
- 8 time = 7 seconds distance = 35 meters
- 9 time = 8 hours distance = 38 miles
- 10 distance = 9 meters time = 3 seconds
- 11 Draw the speed formula triangle.



What is the distance given the following speed and time?

- 12 speed = 4 m/s time = 8 seconds
- 13 speed = 5.3 m/s time = 10 seconds
- 14 speed = 69 m/s time = 3 seconds
- 15 speed = 4.5 ft/s time = 5 seconds
- 16 speed = 60 mph time = 2.5 hours

What is the time given the following speed and distance?

- 17 speed = 6 m/s distance = 90 meters
- 18 speed = 9 m/s distance = 76 meters
- 19 speed = 11 m/s distance = 55 meters
- 20 speed = 5 m/s distance = 24 meters
- 21 speed = 15 mph distance = 97 miles

How fast (speed) is the car moving?

- 22 Johnny's car travels 40 meters in just 4 seconds.
- 23 Tanika's motorcycle traveled 73 meters in 14 seconds.
- 24 Juanita's new Mustang convertible goes 20 meters in only 9 seconds.
- 25 Georgina's Porsche goes 83 meters in 7.5 seconds.

10 m/s
5.2 m/s
2.2 m/s
11.1 m/s