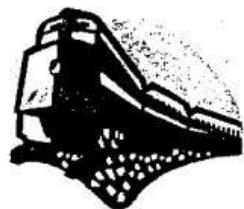


Speed Problems

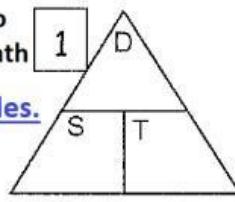
Use the triangles to help you do the math



You must put the number in the triangles.

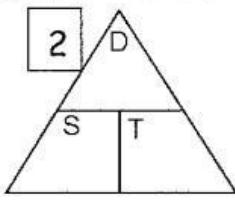
1. How fast is a car traveling if it goes 26 meters in 13 seconds?

Answer units
m s m/s



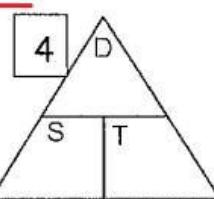
2. How long does it take a snail to travel 3 m, if its speed is .005 meters/second? (Give your answer in seconds and minutes)

Answer Answer
seconds minutes



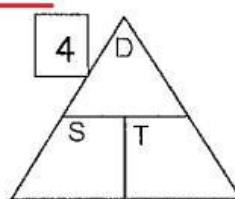
3. How far can a beetle travel if its speed is 5 meters per sec. and, and it travels for 100 seconds?

Answer units
m s m/s



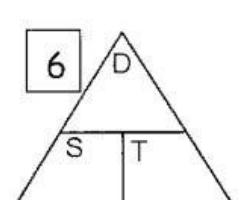
4. How far does a car travel if its speed is 50 m/s and it travels for 120 seconds?

Answer units
m s m/s



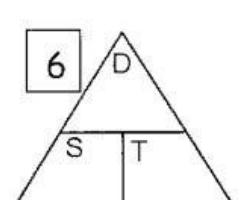
5. How fast is a ball rolling if it travels 14 m in 12 seconds?

Round to 2 Decimals. Answer units
Example .99 m s m/s



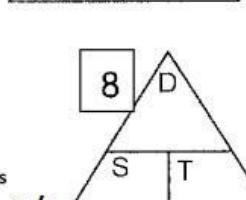
6. How much time does it take a train to travel 75 km if its speed is 100 km/hour? (Give your answer in hours and minutes)

Answer Answer
Hours Minutes



7. How far can a boat travel if its speed is 10 km/hr and it travels for 2 hours?

Answer units
km hr km/hr



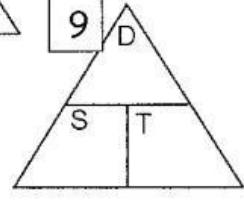
8. How far does a cat travel if it chase's a mouse for 24 seconds at a speed of 3 meters/second?

Answer units
Your speed m s m/s



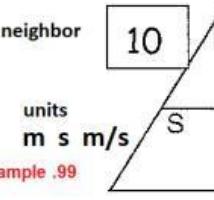
9. Your neighbor says she can skate at a speed of 4 m/s. To see if you can skate faster, you have her time you as you skate as fast as you can for 100 m. Your time is 20 seconds. Who skates faster?

Answer units
m s m/s Who skates faster? You the neighbor



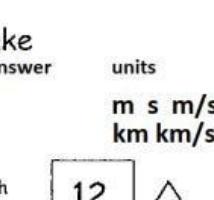
10. Florence Griffith Joyner set a world record by running 200 m in 21.34 seconds. What was her speed?

Answer



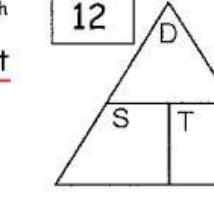
11. Sound travels at a speed of 330 m/s. If a lightning bolt strikes the ground 1 km away from you, how long will it take for the sound to reach you?

Round to 2 Decimals. Example .99



12. The world's fastest passenger elevator operates at an average speed of about 10 meters per second. If the 60th floor is 219 meters above the first floor, how long does it take the elevator to go from the first floor to the 60th floor?

Answer units
m s m/s



Round to 1 Decimal.
Example 99.9