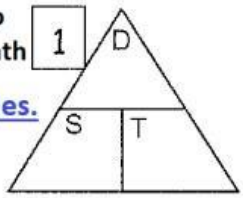
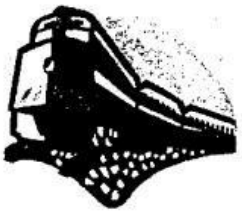
Speed Problems

Use the triangles to help you do the math

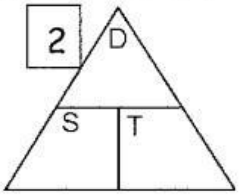


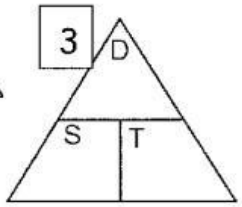


You must put the number is the triangles.

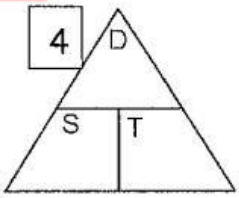
1. How fast is a car traveling if it goes 26 meters in 13 seconds?
   Answer ____ units ____ m s m/s

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 ____ seconds Answer ____ minutes

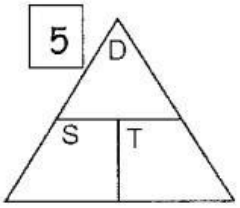




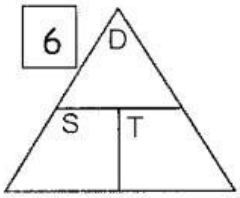
3. How far can a beetle travel if its speed is 5 meters per sec. and, and it travels for 100 seconds?
   Answer ____ units ____ m s m/s



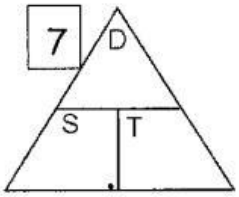
4. How far does a car travel if its speed is 50 m/s and it travels for 120 seconds?
   Answer ____ units ____ m s m/s



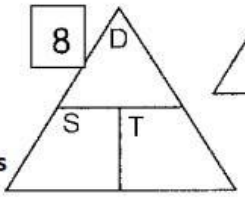
5. How fast is a ball rolling if it travels 14 m in 12 seconds?
   Round to 2 Decimals. Example .99
   Answer ____ units ____ m s m/s



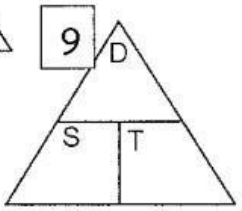
6. How much time does it take a train to travel 75 km if its speed is 100 km/hour? (Give your answer in hours and minutes)
   Answer ____ Hours Answer ____ Minutes
   Round to 2 Decimals. Example .99



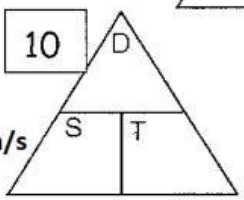
7. How far can a boat travel if its speed is 10 km/hr and it travels for 2 hours?
   Answer ____ units ____ km hr km/hr



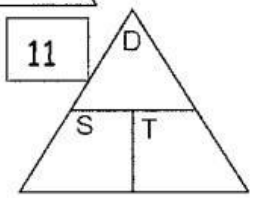
8. How far does a cat travel if it chase's a mouse for 24 seconds at a speed of 3 meters/second?
   Answer ____ units ____ m s m/s



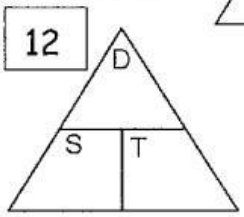
9. Your neighbor says she can skate at a speed of 4 m/s. To see if you can skate faster, you have her time you as you skate as fast as you can for 100 m. Your time is 20 seconds. Who skates faster?
   Answer ____ units ____ m s m/s Who scates faster? You the neighbor
   Your speed



10. Florence Griffith Joyner set a world record by running 200 m in 21.34 seconds. What was her speed?
    Answer ____ units ____ m s m/s
    Round to 2 Decimals. Example .99



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?
    Answer ____ units ____ m s m/s km km/s
    Hint, you need to use the same units in the speed and distance. How many meters are in a km (kilometer)
    Round to 2 Decimals. Example 9.99



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

LIVEWORKSHEETS