**DVT - Triangle Practice**

1. How far will something travel at a speed of 350 m/s for 10 s?
   1. What are you solving for:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. What letter is this on the triangle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. What will your units be:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. In this problem you will: divide or multiply (circle one)
   5. Solve the problem below:
2. How long will it take a bus to go 5000 miles traveling at 15 m/s?
   1. What are you solving for:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. What letter is this on the triangle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. What will your units be:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. In this problem you will: divide or multiply (circle one)
   5. Solve the problem below:
3. What is the average speed of something that travels 2400 miles in 22 hours?
   1. What are you solving for:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. What letter is this on the triangle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. What will your units be:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. In this problem you will: divide or multiply (circle one)
   5. Solve the problem below:
4. A car travels 180 m in 60 seconds. Find the car’s velocity.
   1. What are you solving for:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. What letter is this on the triangle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. What will your units be:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. In this problem you will: divide or multiply (circle one)
   5. Solve the problem below:

**A,T, Vf, Vi - Triangle Practice**

1. How long will it take a bus to go from 25 m/s to 50 m/s if it has an acceleration of 5 m/s2?
   1. What are you solving for:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. What letter is this on the triangle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. What will your units be:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. In this problem you will: divide or multiply (circle one)
   5. Solve the problem below:
2. What will the acceleration be of train that goes from rest to 8 m/s in 30 s?
   1. What are you solving for:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. What letter is this on the triangle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. What will your units be:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. In this problem you will: divide or multiply (circle one)
   5. Solve the problem below:
3. How long will it take a car to go from 50 m/s to a stop if it accelerates at a rate of 3 m/s2?
   1. What are you solving for:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. What letter is this on the triangle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. What will your units be:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. In this problem you will: divide or multiply (circle one)
   5. Solve the problem below:
4. A car travels from 0 to 180 m/s in 5 seconds. Find the car’s acceleration.
   1. What are you solving for:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. What letter is this on the triangle:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. What will your units be:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. In this problem you will: divide or multiply (circle one)
   5. Solve the problem below: