

Name: \_\_\_\_\_

Period: \_\_\_\_\_

1. Draw the DST tool. (1 pt)

Write the three equations that can be derived from the DST tool (3 pts)

2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

Solve the following problems. The first one is done for you.

It took Rolando 5 minutes to walk 500 meters to his friends house. What was Rolando's speed?



$S = D/T$

$S = 500 \text{ m} / 5 \text{ min}$

$S = 100 \text{ m/min}$

5. Kevin drove 18 kilometers to the bird sanctuary in 36 minutes. What was Kevin's speed?

6. Traveling at 60 miles per hour, Cassidy drove 4 hours south. How far did she travel?

7. Aaron rode his bike at a constant speed of 4 m/s for a distance of 2000 m. How long did Aaron ride?.

8. Miriam flew on a plane for 6 hours at a speed of 300 miles per hour. How far did she fly?

9. Armando rode a motorcycle 6 hours and went 300 km. What was Armando's speed?

10. Jess drove 200 km at a speed of 120 k/h. How long did she drive?