

Name _____
Science _____

Date _____
Speed WS

Read "Describing Motion" in the science book. Answer the questions that follow.

DEFINE:

1. Speed: _____

2. Velocity: _____

3. Acceleration: _____

4. What is the formula to calculate speed?

SOLVE the following problems using the **3 STEP METHOD**.

5. If Mrs. Frascatore's car travels 600 meters in 20 seconds, how fast is she going?



6. On Friday, Mr. Alexander moves 120 meters in 20 seconds after 11th period. What is his speed?

7. Mrs. Karinsky made it to the teacher's room 45 seconds after leaving her room which is 90 meters away. How fast did she travel?



8. A plane travels 395,000 meters in 9000 seconds. What was its speed?

9. It takes John Cena 0.25 hours to drive to the Nickelodeon Awards. His route is 16 km long. What is Cena's average speed on his drive to be slimed?



10. The moon orbits Earth at a roughly constant speed. Is the moon accelerating? Explain your answer in **COMPLETE** sentences. **DRAW** and **LABEL** a diagram to help explain your claim.