FUN MATH KIDS

Easy

Velocity and Acceleration Word Problems

Topic: Kinematics: find velocity, distance, time · Grade: grade 8

Name: _____ Date: _____ Score: _____/ 6

Read each problem, choose the correct equation of motion, and write your answer with units.

1. A body starts at 1 m/s and accelerates at 5 m/s² for 3 s. Find its final velocity.

Answer: _____

2. A body starts at 4 m/s and accelerates at 6 m/s² for 6 s. Find the distance travelled.

Answer: _____

3. A body starts at 9 m/s and accelerates at 2 m/s² for 2 s. Find its final velocity.

Answer: _____

4. A body starts at 3 m/s and accelerates at 4 m/s² for 6 s. Find its final velocity.

Answer: _____

5. A body starts at 5 m/s and accelerates at 3 m/s² for 7 s. Find its final velocity.

Answer: _____

6. A body starts at 10 m/s and accelerates at 2 m/s² for 6 s. Find its final velocity.

Answer: _____