Elite Private School
Homework # 2

Subject: Physics	Grade Level:11	Section:	Name:
Topic:			Standard:
Objectives: • Determine the velocity and the speed .			

Solve the following problems:

1. A baseball is thrown a distance of 18m. What is its speed if it takes 0.5 seconds to cover the distance?

2. It took Shawn 6 hours to walk to Susan's house at 2 kilometers per hour. How far is it between Shawn's house and Susan's house?

3. If Benjamin skated 80 kilometers at 10 kilometers per hour, how long was Benjamin skating?

4. Evelyn rode her bicycle to Kathleen's house. It is 36 kilometers from Evelyn's house to Kathleen's house. It took Evelyn 6 hours to get there. How fast did Evelyn ride?

5. After an impact involving a non-functioning satellite, a paint chip leaves the surface of the satellite at a speed of 96 m/s. After 17 seconds, how far has the chip landed?

6. The space shuttle Endeavor is launched to altitude of 500 km above the surface of the earth. The shuttle travels at an average rate of 700 m/s. How long will it take for Endeavor to reach its orbit?

7. Hleen's house. It is 36 kilometers from Evelyn's house to Kathleen's house. It took Evelyn 6 hours to get there. How fast did Evelyn ride?

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