

Motion and Energy • *Math Skills***Math Skills**

For the problems below, show your calculations. If you need more space, use another sheet of paper. Write the answers for the problems on the lines below.

Calculating Speed

1. Speed = $\frac{32 \text{ m}}{8 \text{ s}}$ = _____

2. A car travels 66 kilometers in 3 hours. What is its speed?

Answer: _____

3. Average Speed = $\frac{200 \text{ km}}{5 \text{ h}}$ = _____

4. Suppose a car travels 60 kilometers the first two hours and 15 kilometers the next hour. What is the car's average speed?

Answer: _____

5. Suppose you ride your bicycle into the countryside on a bike path. You travel 6 kilometers the first hour, 3 kilometers the second hour, and 6 kilometers the third hour. What is your average speed for the whole ride?

Answer: _____