

Name:

Number:

Date:

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## Velocity Warmup

1. The speed of light is  $300\,000\,000\text{ m/s}$ . How far can light travel in 2.43 seconds?

Knowns/Unknowns

Plug & Chug

Answer w/ Units

2. How much time does it take a car traveling at  $31.2\text{ m/s}$  to drive 1000 meters?

Knowns/Unknowns

Plug & Chug

Answer w/ Units

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3. How far can a sprinter with a speed of  $9.5 \text{ m/s}$  run in 65 seconds?

Knowns/Unknowns

Plug & Chug

Answer w/ Units

4. Calculate the velocity of an ATV that travels 14.5 meters in 2.8 seconds.

Knowns/Unknowns

Plug & Chug

Answer w/ Units