



Name

Score

Convert and show all steps.

A car is traveling at a speed of 90 kilometers per hour (km/h). Convert this speed to meters per second (m/s).

A runner is moving at a pace of 10 miles per hour (mph). Convert this speed to feet per second (ft/s).

A pump fills a tank at a rate of 5 gallons per minute (gal/min). Convert this rate to liters per second (L/s).

A cheetah can run at 25 meters per second (m/s). Convert this speed to kilometers per hour (km/h).

Water flows through a pipe at 30 feet per second (ft/s). Convert this rate to miles per hour (mph).

A faucet drips at a rate of 0.02 liters per second (L/s). Convert this rate to gallons per minute (gal/min).

A worker earns \$15 per hour. Convert this wage to cents per minute.

A certain material has a linear density of 2 kilograms per meter (kg/m). Convert this density to grams per centimeter (g/cm).

A recipe calls for adding liquid at a rate of 2 cups per day. Convert this rate to milliliters per hour (mL/hour).

A typist can type 60 words per minute. Convert this rate to words per hour.



Convert and show all steps.

25 m/s

14.67 ft/s

0.315 L/s

90 km/h

20.45 mph

0.317 gal/min

25 cents/minute

20 g/cm

20 mL/hour

3600 words/hour