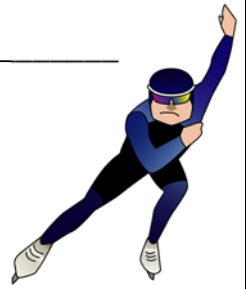


Name \_\_\_\_\_



## Slow and Steady Wins the Race

**Speed = Distance ÷ Time | Distance = Speed × Time | Time = Distance ÷ Speed**

### Part A: Finding Speed

1. A tortoise travels 120 meters across a grassy field in 20 minutes. What is its average speed in meters per minute?
2. A rabbit runs a distance of 1.8 kilometers in 6 minutes. Calculate its speed in kilometers per hour.
3. A garden snail crawls 4 meters in 20 minutes. Find its speed in meters per minute and in centimeters per second.

### Part B: Finding Distance

4. A sloth moves through the trees at a steady pace of 0.25 meters per second for 10 minutes. How far does the sloth travel in that time?
5. A horse trots at 12 kilometers per hour for 45 minutes before stopping for water. How far does the horse travel?
6. A sea turtle swims through calm water at a speed of 2 kilometers per hour for 1.5 hours. How far has the turtle gone?

### Part C: Finding Time

7. A cheetah runs at a top speed of 108 kilometers per hour to chase its prey, which is 900 meters away. How many seconds will it take the cheetah to reach the prey (assuming constant speed)?
8. A penguin waddles 90 meters from its nest to the sea at a speed of 0.6 meters per second. How long does the trip take in seconds and minutes?
9. A hiker walks along a trail at 4 kilometers per hour. How long will it take to complete a 10-kilometer hike? Give your answer in hours and minutes.

### Part D: Mixed Formula Challenge

10. A migrating goose flies between two lakes. On the first leg, it flies 120 kilometers with a tailwind at 60 kilometers per hour. On the return trip, it faces a headwind and averages only 40 kilometers per hour.
  - a) How long does each flight take?
  - b) What is the total time for the round trip?
  - c) What is the goose's average speed for the entire journey?