مدارس العناية – ثنائية اللغة
Al-Enayah Bilingual School
مستقبل أبنائك يبدأ بلغتين

First Semester of the Academic Year 1447-2O25

Worksheet 11

Level	Primary	Name	
Subject	Science	Class	6

Part A:Match the term with the correct definition:

1. Speed — a) Change in position over time
2. Velocity — b) Speed with direction
3. Acceleration — c) Distance ÷ time
4. Motion — d) Change in speed or direction

Part B: Multiple Choice

1. Which of the following is velocity?

a) 10 m/s b) 15 km c) 20 m/s north

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2. Which situation shows acceleration?

a) Car moving straight at constant speed b) Car turning right c) Car parked

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3. What is the unit of acceleration?

a) m/s b) m/s^2 c) km

Part C: Complete

1. If speed increases ⟶ _____

2. If speed decreases ⟶ _____

3. If direction changes ⟶ _____

✏️ Part D: Solve

1. A student walks 50 m in 10 s

   👉 Speed = _____

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2. A car goes from 10 m/s to 30 m/s in 4 s

   👉 Acceleration = _____

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3. A bus slows from 20 m/s to 10 m/s in 5 s

   👉 Acceleration = _____