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

First Semester of the Academic Year 1447-2O25

Worksheet 12

Level	Primary	Name	
Subject	Science	Class	6

Part A: Choose the correct answer

1. **Newton's First Law is about:**
   a) Force and mass
   b) Inertia
   c) Action and reaction
   d) Gravity

2. **Inertia means:**
   a) Changing speed
   b) Resistance to motion
   c) Resistance to change in motion
   d) Force

3. **Newton's Second Law formula is:**
   a) F = m ÷ a
   b) F = m × a
   c) F = a ÷ m
   d) F = m + a

4. **If mass increases, acceleration will:**
   a) Increase
   b) Decrease
   c) Stay the same
   d) Stop

5. **Newton's Third Law states:**
   a) Objects fall
   b) Motion changes
   c) Action = Reaction
   d) Speed increases

Part B: True or False

1. Balanced forces change motion. (**F**)
2. Unbalanced forces cause acceleration. (**T**)
3. Action and reaction act on the same object. (**F**)
4. More force means more acceleration. (**T**)
5. Objects move without forces always. (**F**)

Good luck