

Subject: Science
Worksheet for Grade 5
Unit 5: Force & Pressure

Name – Surname

Class

Number in class

Part A: Multiple Choice: Choose the correct answer. (Questions 1-5)

- 1 The energy required to move an object is called _____.
A. gravity B. magnetism C. force D. pressure
- 2 It is the product of gravitational force!
A. pressure B. area C. mass D. weight
- 3 A word to describe the space occupied by the air we breathe!
A. wind B. humidity C. air pressure D. atmosphere
- 4 A barometer that doesn't have mercury is called _____.
A. barometer B. altimeter C. aneroid barometer D. barograph
- 5 Gravity is a _____ force.
A. pushing B. pulling C. strong D. weak

Part B: There are 4 type of forces being provided in the box below. Study the box carefully and write the type of force for each question from 6-14.

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|------------------------|-------------------|---------------|
| A) gravitational force | C) magnetic force | E) weak force |
| B) electric force | D) strong force | |

- | | | |
|----|---|---|
| 6 | "This force holds together the internal structure at the center of an atom" | — |
| 7 | "Without this force, if we jumped off the ground, we would carry on flying straight out into space" | — |
| 8 | "This force changes the internal structure of an atom. We see this working in some kinds of radio-active decay" | — |
| 9 | "This force is about the attraction or repulsion between two objects that carry an electric charge" | — |
| 10 | "This force is caused by the combined force of sub-atomic particles or the movement of tiny particles called electrons moving through wires as an electric current" | — |
| 11 | "This type of force is a pulling force" | — |
| 12 | "This type of force is caused by the mass of an object" | — |
| 13 | "This type of force can make magnetism" | — |
| 14 | "This type of force can make electricity" | — |