Grade\_4

5) The condition of the atmosphere at a certain place and time is:

**a. weather**

    b. hydrosphere

    c. atmosphere

    d. troposphere

Grade\_5

1) [Compared to Earth, a day on Mercury lasts about](http://www.helpteaching.com/questions/126525/compared-to-earth-a-day-on-mercury-lasts-about-" \t "_blank)[.](http://www.helpteaching.com/questions/126525/compared-to-earth-a-day-on-mercury-lasts-about-" \t "_blank)

1. 2 days
2. 2 weeks
3. ***2 months***
4. 2 years

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| 2) [A crack in the earth's crust is a](http://www.helpteaching.com/questions/120148/a-crack-in-the-earths-crust-is-a" \t "_blank)   1. delta 2. ***fault*** 3. plate 4. topography |

3) [How many moons does Uranus have?](http://www.helpteaching.com/questions/11645/how-many-moons-does-uranus-have" \t "_blank)

1. 10
2. 16
3. 15
4. ***25+***

4) [On a hot day, a lake is likely to be](http://www.helpteaching.com/questions/117178/on-a-hot-day-a-lake-is-likely-to-be" \t "_blank)

1. ***cooler than nearby land***
2. hotter than nearby land
3. the same temperature as the land
4. the cause of the heat

5) [If Mrs. M wants to move somewhere with short winters and long, warm summers, she needs to look at the city's weather patterns to decide.](http://www.helpteaching.com/questions/38647/if-mrs-m-wants-to-move-somewhere-with-short-winters-and-long" \t "_blank)

1. True
2. ***False***

***Grade\_6***

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| 1) [Our Moon's name in Latin is Luna.](http://www.helpteaching.com/questions/28183/our-moons-name-in-latin-is-luna" \t "_blank)   1. ***True*** 2. False |

2) [About how many Earth years does it take Neptune to orbit the sun?](http://www.helpteaching.com/questions/126835/about-how-many-earth-years-does-it-take-neptune-to-orbit-the" \t "_blank)

1. 16
2. ***160***
3. 1,600
4. 16,000

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| 3) [What was the only spacecraft to visit Neptune when it passed by Neptune in 1989?](http://www.helpteaching.com/questions/126836/what-was-the-only-spacecraft-to-visit-neptune-when-it-passed" \t "_blank)   1. Viking 1 2. Viking 2 3. Voyager 1 4. ***Voyager 2*** |

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| 4) [It takes about 64 Earth years for Uranus to orbit the sun.](http://www.helpteaching.com/questions/126788/it-takes-about-64-earth-years-for-uranus-to-orbit-the-sun" \t "_blank)   1. True 2. ***False*** |

5) [An example of mutualism is which one of the following?](http://www.helpteaching.com/questions/26317/an-example-of-mutualism-is-which-one-of-the-following" \t "_blank)

1. ***Remora fish and whales***
2. Bird and soil
3. Rabbits and grass
4. Fox and rabbit

***Grade\_7***

1) [Which has the most acidic pH?](http://www.helpteaching.com/questions/36678/which-has-the-most-acidic-ph" \t "_blank)

1. ***2.5***
2. 3.5
3. 5.5
4. 6.5

2) [Which of the following choices sequences the parts of matter from smallest to largest correctly?](http://www.helpteaching.com/questions/73473/which-of-the-following-choices-sequences-the-parts-of-matter" \t "_blank)

1. ***atom -> element -> compound***
2. atom -> compound -> element
3. element -> atom -> compound
4. element -> compound -> atom

3) [When sperm cells fertilize egg cells, the product is called a:](http://www.helpteaching.com/questions/110825/when-sperm-cells-fertilize-egg-cells-the-product-is-called-a" \t "_blank)

1. ***zygote***
2. hyphae
3. gamete
4. chromosome

4) [The evolution of the horse took place during the](http://www.helpteaching.com/questions/1858/the-evolution-of-the-horse-took-place-during-the-" \t "_blank)[.](http://www.helpteaching.com/questions/1858/the-evolution-of-the-horse-took-place-during-the-" \t "_blank)

1. Jurassic Period
2. Permian Period
3. Quaternary Period
4. ***Tertiary Period***

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| 5) [Is the place where the bee stores the honey called the honey abdomen?](http://www.helpteaching.com/questions/16199/is-the-place-where-the-bee-stores-the-honey-called-the-honey" \t "_blank)   1. True 2. ***False*** |

***Grade\_8***

1) [Gold's atomic number is 79.](http://www.helpteaching.com/questions/124989/golds-atomic-number-is-79" \t "_blank)

1. ***True***
2. False

2) [The number of protons in the nucleus of an atom of that element is](http://www.helpteaching.com/questions/56258/the-number-of-protons-in-the-nucleus-of-an-atom-of-that-elem" \t "_blank)

1. ***atomic number***
2. atomic weight
3. mass number
4. isotopes

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| 3) [The vast frozen plains located within the Arctic Cicle.](http://www.helpteaching.com/questions/8682/the-vast-frozen-plains-located-within-the-arctic-cicle" \t "_blank)   1. ***tundra*** 2. Boreal Forest 3. timberline 4. permafrost |

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| 4) [In the formula , how many atoms are there?](http://www.helpteaching.com/questions/114914/in-the-formula-h2so4-how-many-atoms-are-there" \t "_blank)   1. 2 2. 4 3. 6 4. ***7*** |

5) [Which of these is the amount of matter in an object?](http://www.helpteaching.com/questions/115396/which-of-these-is-the-amount-of-matter-in-an-object" \t "_blank)

1. weight
2. ***mass***
3. inertia
4. all of the above

***Grade\_9***

1) [A lunar eclipse can only occur during a:](http://www.helpteaching.com/questions/129472/a-lunar-eclipse-can-only-occur-during-a" \t "_blank)

1. Quarter Moon
2. New Moon
3. ***Full Moon***
4. Crescent Moon

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| 2) [Energy is lost from one organism to another through](http://www.helpteaching.com/questions/34183/energy-is-lost-from-one-organism-to-another-through-" \t "_blank)[.](http://www.helpteaching.com/questions/34183/energy-is-lost-from-one-organism-to-another-through-" \t "_blank)   1. ***Heat*** 2. Waves 3. Sound 4. Dispersion |

3) [Soil and weather would be considered part of the](http://www.helpteaching.com/questions/95370/soil-and-weather-would-be-considered-part-of-the--factors-of" \t "_blank)[factors of an ecosystem.](http://www.helpteaching.com/questions/95370/soil-and-weather-would-be-considered-part-of-the--factors-of" \t "_blank)

1. biotic
2. antibiotic
3. ***abiotic***
4. biomass

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| 4) [Scientists use their data to make](http://www.helpteaching.com/questions/72123/scientists-use-their-data-to-make--and--to-communicate-the-r" \t "_blank)[and](http://www.helpteaching.com/questions/72123/scientists-use-their-data-to-make--and--to-communicate-the-r" \t "_blank)[to communicate the results of an experiment.](http://www.helpteaching.com/questions/72123/scientists-use-their-data-to-make--and--to-communicate-the-r" \t "_blank)   1. charts, experiments 2. ***charts, graphs*** 3. circles, graphs 4. squares, graphs |

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| 5) [What is the element symbol for Gold?](http://www.helpteaching.com/questions/112748/what-is-the-element-symbol-for-gold" \t "_blank)   1. Ag 2. ***Au*** 3. Go 4. Al |

***Grade\_10***

1) [Substances with a pH higher than 7 are](http://www.helpteaching.com/questions/28889/substances-with-a-ph-higher-than-7-are-" \t "_blank)[.](http://www.helpteaching.com/questions/28889/substances-with-a-ph-higher-than-7-are-" \t "_blank)

1. acids
2. ***bases***
3. neutral
4. radicals

2) [The structures that synthesize proteins in cells are the](http://www.helpteaching.com/questions/115727/the-structures-that-synthesize-proteins-in-cells-are-the" \t "_blank)

1. ***ribosomes***
2. Golgi apparatus
3. lysosomes
4. vacuoles

3) [A bond formed by the attraction between positively charged metals ions and the electrons around them](http://www.helpteaching.com/questions/106801/a-bond-formed-by-the-attraction-between-positively-charged-m" \t "_blank)

1. ionic bond
2. Gold Bond
3. ***metallic bond***
4. covalent bond

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| 4) [Which scientists are credited with discovering the physical structure of DNA?](http://www.helpteaching.com/questions/98044/which-scientists-are-credited-with-discovering-the-physical-" \t "_blank)   1. ***Watson and Crick*** 2. Einstein and Crick 3. Mendel and Watson 4. Holmes and Watson |

5) [The number of chromosomes that each parent contributes to the fertilized egg is:](http://www.helpteaching.com/questions/43404/the-number-of-chromosomes-that-each-parent-contributes-to-th" \t "_blank)

1. 15
2. ***23***
3. 46
4. 52

***Grade\_11***

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| 1) [An organized way to gather information and to answer questions is a/an](http://www.helpteaching.com/questions/119824/an-organized-way-to-gather-information-and-to-answer-questio" \t "_blank)   1. ***inquiry*** 2. investigation 3. experiment 4. conclusion |

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| 2) [A tool used to make quantitative observations of the volume of liquids is called a/an](http://www.helpteaching.com/questions/119823/a-tool-used-to-make-quantitative-observations-of-the-volume-" \t "_blank)   1. ***graduated cylinder*** 2. beaker 3. balance 4. microscope |

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| 3) [If I walk 1 mile to the store then 1 mile home, what is my displacement?](http://www.helpteaching.com/questions/108985/if-i-walk-1-mile-to-the-store-then-1-mile-home-what-is-my-di" \t "_blank)   1. 1 mile 2. 2 miles 3. ***0 miles*** |

4) [What is the male reproductive cell?](http://www.helpteaching.com/questions/95137/what-is-the-male-reproductive-cell" \t "_blank)

1. ***sperm***
2. semen

5) [The major categories of tissues found in the human body include all of the following except:](http://www.helpteaching.com/questions/17223/the-major-categories-of-tissues-found-in-the-human-body-incl" \t "_blank)

1. epithelial
2. ***bone***
3. muscle
4. nervous

***Grade\_12***

1) [Which hormone, when secreted, will reduce the blood glucose in normal individuals?](http://www.helpteaching.com/questions/119781/which-hormone-when-secreted-will-reduce-the-blood-glucose-in" \t "_blank)

1. glucagon
2. growth hormone
3. ***insulin***
4. norepinephrin
5. epinephrin

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| 2) [Many of the Earth's strongest earthquakes occur in](http://www.helpteaching.com/questions/55995/many-of-the-earths-strongest-earthquakes-occur-in-" \t "_blank)[.](http://www.helpteaching.com/questions/55995/many-of-the-earths-strongest-earthquakes-occur-in-" \t "_blank)   1. spreading centers 2. ***subduction zones*** 3. divergent boundaries 4. ocean ridges |

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| 3) [Polyethylene terephthalate is also know as](http://www.helpteaching.com/questions/114975/polyethylene-terephthalate-is-also-know-as" \t "_blank)   1. HDPE 2. PVC 3. ***PET*** 4. LDPE |

4) [Groups of fascicles are bound together to form](http://www.helpteaching.com/questions/93081/groups-of-fascicles-are-bound-together-to-form" \t "_blank)

1. Bones
2. Nerves
3. ***Muscles***
4. Skin

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| 5) [Earthquakes are a sudden motion caused by movement of tectonic plates working against](http://www.helpteaching.com/questions/55976/earthquakes-are-a-sudden-motion-caused-by-movement-of-tecton" \t "_blank)[.](http://www.helpteaching.com/questions/55976/earthquakes-are-a-sudden-motion-caused-by-movement-of-tecton" \t "_blank)   1. ***friction*** 2. gravity 3. magnetic forces 4. centrifugal force |