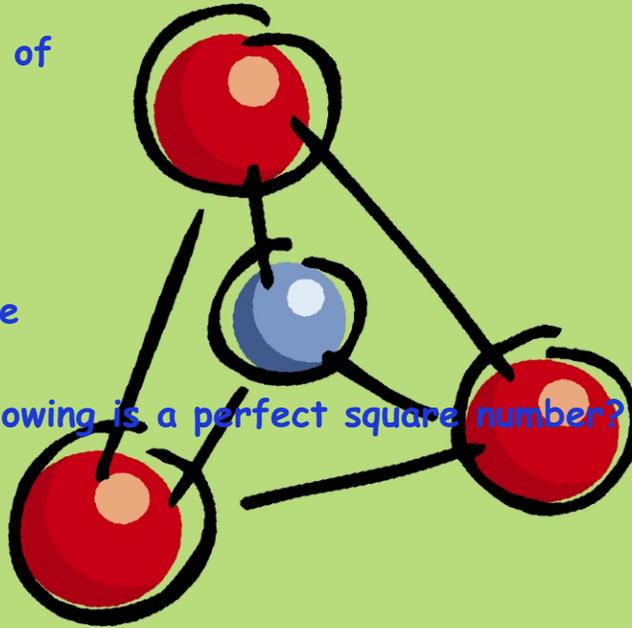


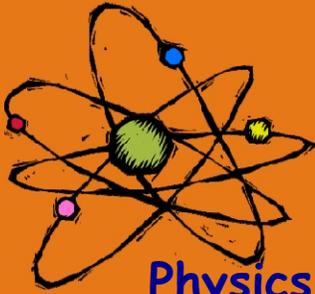
Science Bowl and Challenge Sample Questions (Grades 1 - 8)

1. A meter is a unit of
 - (a) length
 - (b) force
 - (c) velocity
 - (d) mass
 - (e) charge

2. Which of the following is a perfect square number?
 - (a) 8
 - (b) 9
 - (c) 10
 - (d) 11
 - (e) 12

3. List the atoms of the following elements from lightest to heaviest: uranium, lead, helium, hydrogen, oxygen.
 - (a) uranium, lead, helium, hydrogen, oxygen
 - (b) hydrogen, oxygen, uranium, lead, helium
 - (c) hydrogen, oxygen, lead, helium, uranium
 - (d) hydrogen, helium, oxygen, lead, uranium
 - (b) hydrogen, helium, oxygen, uranium, lead

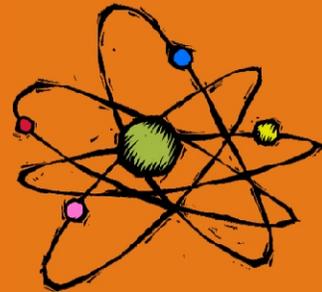




Physics Bowl and Challenge Sample Questions (Grades 9 - 12)

1. The world's record for the highest temperature superconductor is -

- (a) 139 Kelvin
- (b) 4.2 Kelvin
- (c) 273 Kelvin
- (d) 77 Kelvin
- (e) -10 Kelvin

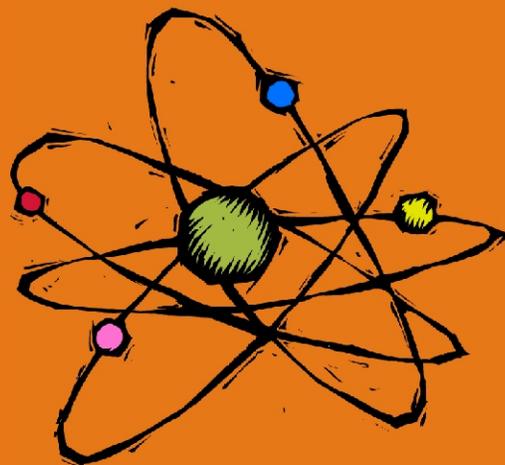


2. As a train passes through a station, a person standing at the platform will hear what change in the train's whistle due to the Doppler effect?

- (a) The whistle will rise in volume
- (b) The whistle will fall in volume
- (c) The whistle will rise in pitch
- (d) The whistle will fall in pitch
- (e) The whistle will rise in both pitch and volume.

3. Which of the following subatomic particles is the heaviest?

- (a) electron
- (b) proton
- (c) neutrino
- (d) photon
- (e) neutron





Science Bowl and Challenge Sample Questions (Grades 9 - 12)

1. A mile is about -
 - (a) 0.6 kilometers
 - (b) 0.9 kilometers
 - (c) 1.3 kilometers
 - (d) 1.6 kilometers
 - (e) 2.1 kilometers
2. Which of the following has a mass of about 100 kilograms?
 - (a) A heavy weight boxer
 - (b) A zebra
 - (c) A water buffalo
 - (d) An elephant
 - (e) A whale
3. Boyle's Law deals with
 - (a) The temperature & volume of a gas
 - (b) The temperature & pressure of a gas
 - (c) The pressure and volume of a gas
 - (d) The speed & pressure of a gas
 - (e) The depth & pressure of a gas

