# Interactive worksheet 23.2 grade 6

### Exercise 1

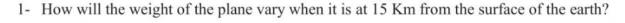
## Indicate the true statements and the false ones:

- 1- The mass of the body increases when it moves from the equator to the pole.
- 2- The weight of the body is bigger on the pole than on the equator.
- 3- As the balloon moves up from earth, its weight becomes bigger.
- 4- The weight of a body varies with altitude and location.

#### Exercise 2

A plane of mass 80 tons moved from the pole to the equator.

# Choose the correct answer.



decreases increases will not vary

2- Which will be bigger the weight of the plane on pole or on equator?

pole equator same on both

- 3- What will be the mass of the plane
  - 3.1- on the equator?

80 tons more than 80 tons less than 80 tons

3.2- At 15 Km height?

80 tons more than 80 tons less than 80 tons

