



K Education Centre

KS3 Year 8 Science

Physics – Forces

Assignment Questions

©KEducationCentre
Year 2022

Forces

Q1 : What is a force ?

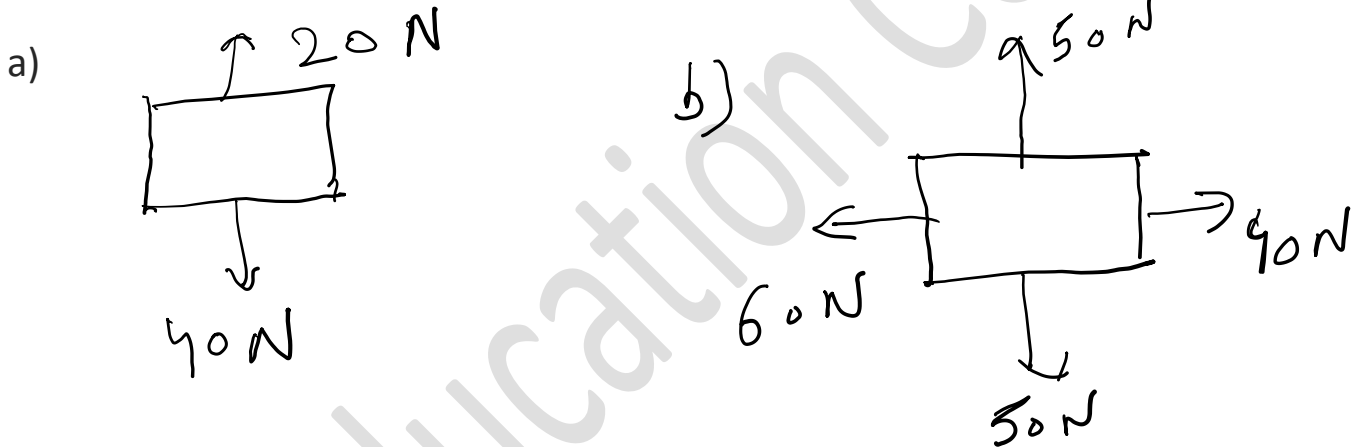
Q2 : What is the difference between contact and non-contact forces ?

Q3 : Calculate the weight of a person with mass 10 kg . (Take $g = 10 \text{ N/m}$)

Q4: What is friction ?

Q5: What are balanced and un balanced forces?

Q6 : Calculate the resultant force in following:



Q7: What will happen to speed of the car if frictional force and air resistance becomes equal to engine force ?

Q8 : With diagram explain the changes in velocity of a sky diver after he opens his parachute.

Q9: What is hooke's law?