Forces & Motion

Q1) Calculate the net force.

8 N 10 N

1. 3 N
2. 2 N
3. 10 N
4. 18 N

Answer : -

Q2) Define Force.

Q3) What is Friction?

Q4) List 3 contact forces:

Q5)
a) List 2 non-contact force?

b) State any one example/application of these forces.

Q6) What is air resistance and water resistance?

Q7) Tell the instrument needed to measure force?

Q8) Explain tension force?

Q9) Explain how can you reduce friction and how can you increase friction?

Q10) Calculate the net resultant force on the object.

1. The force on right is 300 N and left 65 N.
2. Say is the body is in equilibrium.