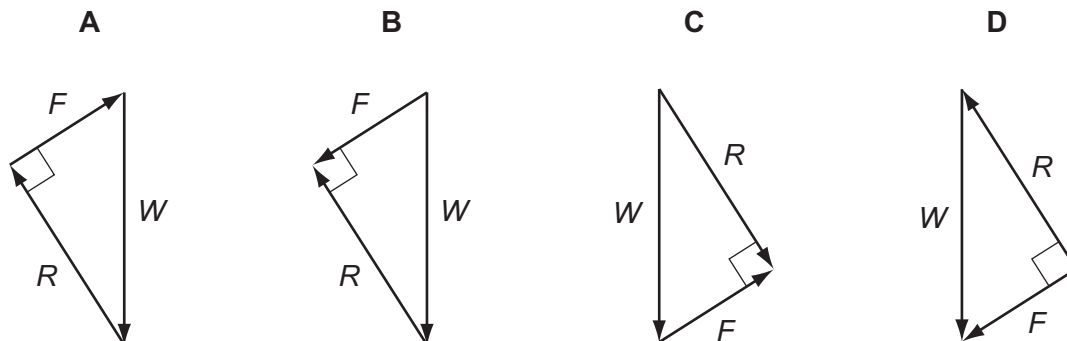


- 12 A vehicle is at rest on a slope. It is considered to have three forces acting on it to keep it in equilibrium.

They are its weight W , a normal reaction force R and a frictional force F .

Which triangle of forces is correct?



- 13 All external forces on a body cancel out.

Which statement **must** be correct?

- A** The body does not move.
- B** The momentum of the body remains unchanged.
- C** The speed of the body remains unchanged.
- D** The total energy (kinetic and potential) of the body remains unchanged.

Space for working