

7Ke Balanced and Unbalanced

Q.1 a) The pulling force from the man is the same size as the force from the mule.

b) It will start to move (backwards).

Q.3 The friction forces will then be bigger than the pulling force, so the sled will begin to slow down.

Q.5 a) The forces are balanced.

b) The weight of the man will be less, so the tightrope will not stretch as much and will push up with a smaller force.