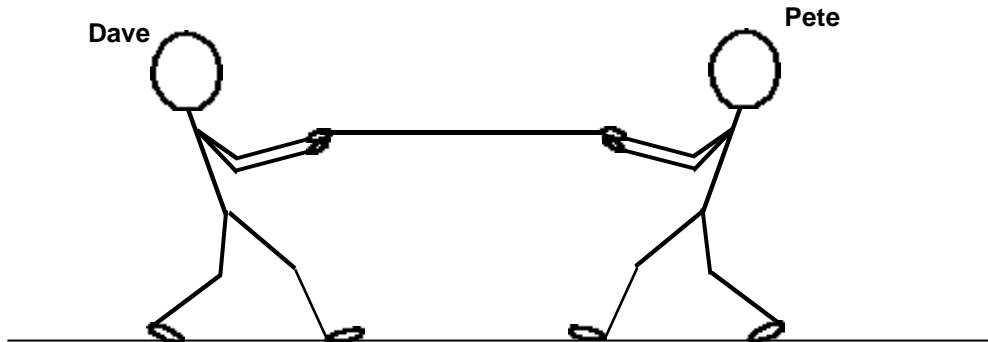


5

Dave and Pete are having a tug-of-war.

Both boys are pulling on the rope but it is **not moving**.



Each of the diagrams below shows one of the forces involved in this situation.

For each force, write a label that says clearly what the force is. Write it in the form:  
force exerted by [something] on [something]

(a)

Diagram (a) shows the same tug-of-war setup as the main diagram. A horizontal arrow points from the rope towards Pete, representing a force exerted on Pete.

Label for this force: \_\_\_\_\_

(b)

Diagram (b) shows the same tug-of-war setup as the main diagram. A horizontal arrow points from the rope towards Dave, representing a force exerted on Dave.

Label for this force: \_\_\_\_\_