

Reading for pages 36-45

What Is a Force? (pages 36-37)

- Do a Reading Output
- Then, give as many examples as you can of forces we've already learned about. Try to list at least 8.
  - o For example:
    - The mantle exerts a force on the crust to move tectonic plates.
    - Gravity pulls on sediment to compress layers of mud and form fossils.

Combining Forces (pages 37-39)

- Do a Reading Output
- Then, make up 3 sample problems with unbalanced forces. What is the net force? What happens to the object in each problem?
- Make up 3 sample problems with balanced forces. What is the net force? What happens to the object in each problem?

Read page 42.

Friction (pages 43-45)

- Do a Reading Output
- Then answer: What is friction?
- Give two real-world examples (not from the book) for EACH type of friction.
- Give an example of how friction is helpful in your life.
- Give an example of how friction gets in your way (one example of friction you wish you could get rid of?).