

# Balanced or Unbalanced?

Balanced forces occur when two forces push or pull in opposite directions and it results in no movement. Unbalanced forces occur when two forces push or pull and one is stronger than the other, and it results in movement.

Decide if each of the situations is '*balance or unbalanced*'.

- 1) A book sitting on a table.
- 2) An arm wrestle and you won.
- 3) A dog pulling on a dog toy with you and it's a tie.
- 4) A birdhouse hanging on a tree.
- 5) A tug of war with a team that fell down.
- 6) A hammer coming down on a nail.
- 7) A cup sitting in a saucer.
- 8) A tennis ball going over the net.
- 9) A boy pushing on a boulder that won't move.
- 10) A bowling ball sitting on the alley.
- 11) A bowling ball moving down the alley.
- 12) Peaches falling off the tree.
- 13) Your mom pushing the shopping cart.
- 14) A person leaning against a pole.
- 15) A dart stuck on a dart board.
- 16) A person pushing on a wall.
- 17) You rocking on a rocking chair.
- 18) Leaves falling to the ground.
- 19) Unable to lift the barbell weight.
- 20) Pinecones falling from the trees.

