

Name: _____

Balanced and Unbalanced Forces

Balanced forces do not change an object's motion. Resting objects stay at rest. Moving objects' direction and speed stay the same.

Unbalanced forces do change an object's motion. Resting objects start moving. Moving objects change direction or speed. This includes stopping.



Read the sentence.

Then tell if the forces are *balanced* or *unbalanced*.

1. Sabrina is fast asleep on her bed. _____
2. The basketball you threw curves through the air. _____



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8. Stevie pushes a door, but it won't open. _____
9. The hawk seems to float in the same spot. _____
10. A race horse picks up speed in the last stretch. _____

Describe a lizard experiencing balanced forces.

Describe a car experiencing unbalanced forces.

ANSWER KEY

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