

QUIZ – WHAT ARE FORCES?

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Fill in The Blanks: Fill in the blanks to summarize forces. (1 point each, 10 points total)

1. A force is defined as a _____, or _____.
2. Forces are vector quantities, which means that they have magnitude and _____.
3. Forces can cause an object to change in three ways. State 2 out of the 3:
(a) _____ change speed _____ (b) _____ (c) _____
4. Forces are measured using SI units called _____, which has the symbol _____.
5. Forces are often measured using a device called a _____.
6. _____ forces are a category of forces involve object touching one another, such as friction.

QUIZ

What are Forces?

**Identifying Forces:** List the forces present in each situation. (1 point each, 7 points total)

16. A book sitting on a high shelf.
What are the forces on the book?
(2 minimum)



17. A car moving down a straight road.
What are the forces on the car?
(3 minimum)



18. A monkey hanging from a branch.
What are the forces on the monkey?
(2 minimum)

