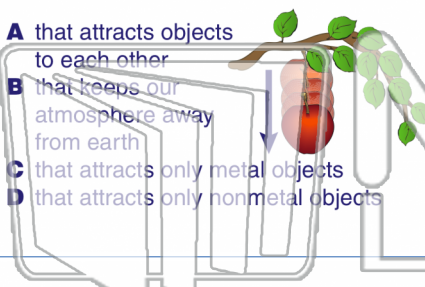




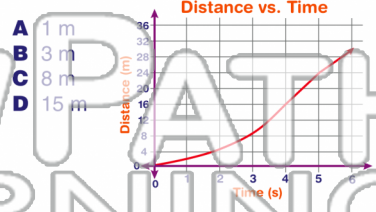
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Gravity is a force \_\_\_\_\_.

- A that attracts objects to each other
- B that keeps our atmosphere away from earth
- C that attracts only metal objects
- D that attracts only nonmetal objects



2 Using the graph below, how far did the boat travel in the first 3 seconds?



3 Weight is the amount of matter in an object and mass is a measurement of the force of gravity on an object.

4 A person's mass is the same on the Earth and the moon.



## PREVIEW

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7 This is an example of Newton's third law, which states \_\_\_\_\_.

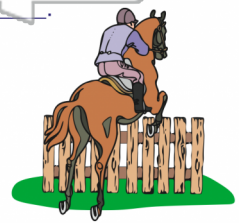
- A what comes up must come down
- B energy is always conserved
- C for every action there is an equal and opposite reaction
- D every object in motion tends to stay in motion unless acted on by an external force

remain at rest until moved is an example of \_\_\_\_\_.

- A Newton's first law
- B Newton's second law
- C Newton's third law
- D Newton's fourth law

9 When a horse jumps up, the force lifting it is from the \_\_\_\_\_.

- A air
- B horseshoes
- C ground
- D rider



10 Match the term with the correct definition.

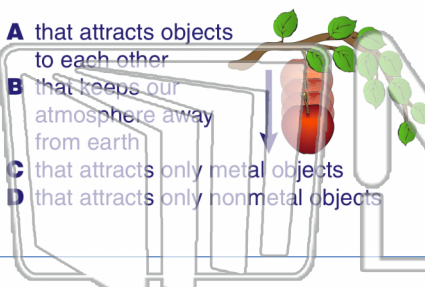
- momentum      A. amount of motion taking place
- speed            B. rate that describes how fast an object is moving in certain period of time
- velocity         C. speed of an object in a certain direction
- acceleration



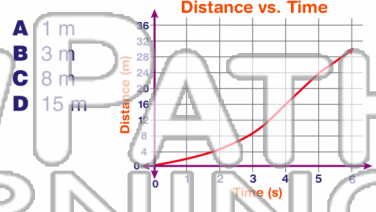
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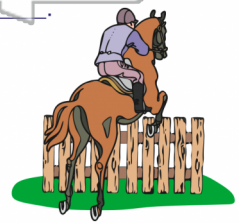
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