

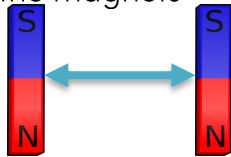
Velocity Acceleration and Forces

Name _____ Date _____

Magnitudes of Magnetic Forces

1. What determines the strength of the magnetic force between two equal-size magnets?

- (a) The color of the magnets
- (b) The size of the magnets
- (c) The distance between the magnets
- (d) The shape of the magnets



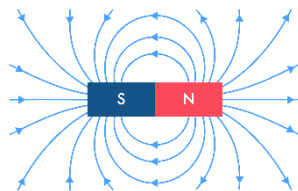
2. The North Pole of one magnet and the South Pole of another magnet will:

- (a) Attract each other
- (b) Repel each other
- (c) Cancel each other out
- (d) Have no effect on each other



3. When comparing two magnets, if one magnet has a greater magnetic field, it means that:

- (a) It is smaller in size
- (b) It is weaker
- (c) It has more magnetism
- (d) It is colorless



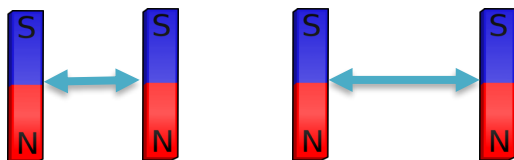
4. Which property of a magnet affects the strength of its magnetic force?

- (a) Texture
- (b) Weight
- (c) Material composition
- (d) Temperature



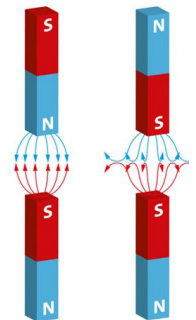
5. What happens to the magnetic force between two magnets if the distance between them is doubled?

- (a) It is halved
- (b) It doubles
- (c) It remains the same
- (d) It quadruples



6. The statement that opposite magnetic poles attract each other while like poles repel each other is popularly known as _____.

- (a) Newton's Law of Motion
- (b) Ohm's Law
- (c) Coulomb's Law
- (d) The law for magnetic poles



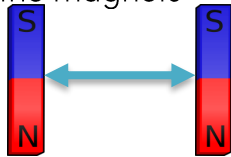
Answer Key

Name _____ Date _____

Magnitudes of Magnetic Forces

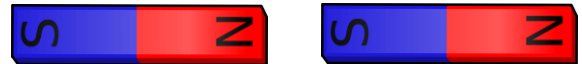
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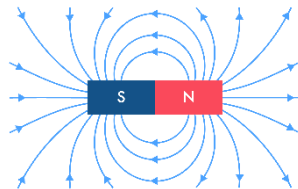
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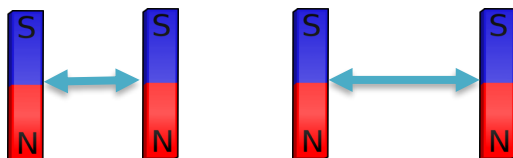
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