

Matter and Forces: True or False

Grade 3-5 · Ages 8-11 · Science · Physical Science · ★★

Write True or False for each statement.

- | | |
|---|--|
| 1. Melting changes a solid into a liquid.
_____ | 2. A magnet can pick up a plastic cup.
_____ |
| 3. Sound cannot travel through water.
_____ | 4. Light travels faster than sound.
_____ |
| 5. A ball rolling on grass never slows down. _____ | 6. Ice is hotter than boiling water.
_____ |
| 7. A magnet can pick up a paper clip.
_____ | 8. Rubbing your hands together makes heat because of friction. _____ |
| 9. Magnets can push and pull each other.
_____ | 10. Wood is attracted to magnets.
_____ |
| 11. Solids keep their own shape.
_____ | 12. Boiling water turns into steam.
_____ |
| 13. Shadows form when light passes through an object. _____ | 14. Ice is the solid form of water.
_____ |
| 15. Gravity makes things fall up.
_____ | 16. The Moon makes its own light.
_____ |

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1. Melting changes a solid into a liquid.
True
2. A magnet can pick up a plastic cup.
False
3. Sound cannot travel through water.
False
4. Light travels faster than sound. **True**
5. A ball rolling on grass never slows down. **False**
6. Ice is hotter than boiling water. **False**
7. A magnet can pick up a paper clip.
True
8. Rubbing your hands together makes heat because of friction. **True**
9. Magnets can push and pull each other.
True
10. Wood is attracted to magnets. **False**
11. Solids keep their own shape. **True**
12. Boiling water turns into steam. **True**
13. Shadows form when light passes through an object. **False**
14. Ice is the solid form of water. **True**
15. Gravity makes things fall up. **False**
16. The Moon makes its own light. **False**