

# Matter Review Questions

## True/False Game:

1. You are in grade 7 (practise question). {false}
2. Some matter does not take up space. {false – all matter takes up space}
3. Liquids do not have their own shape. {true}
4. Water can not change from a liquid to a solid. {false – water can freeze into ice}
5. Salt dissolves in water. {true}
6. All solids take up space. {true}
7. Ketchup completely mixes with water. {false – it separates}
8. Cooling something can cause it change state. {true}
9. The particles in a solid can move around each other. {false – particles in a solid only vibrate}
10. Mustard moves faster than syrup. {false}
11. Oil and water do not mix. {true}

## Chart Topics:

1. Three states of matter. {solid, liquid, gas}
2. Examples of each state.
3. Water in each of the three states. {solid - ice, liquid - water, gas - steam}
4. Shape. {food, growth and movement}
5. Barbeque. {propane, heat}

## Group Questions:

1. Name four objects that sink and four objects that float.
2. Name four materials that absorb and four materials that do not absorb.
3. Choose one of the experiments we did in class and explain what we did.