

## Classifying Matter: Elements, Compounds, and Mixtures

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### Directions

- Create 4 columns using the following headings: Elements, Compounds, Mixtures, and “?”
- Sort the cards according to the categories they belong to
- Use the “?” column for those you are not sure of

# ELEMENT

Contains just  
one type of  
atom

# COMPOUND

Contains two or more different atoms joined together

# MIXTURE

Contains two or more different substances that are physically, not chemically, combined

?



Rocks



Copper



Jelly Beans



Table Sugar



Diamond



Tea



Salt



Neon Gas



Salad



Pure Water



Aluminum



Fresh Lemonade



Silver



Sand

## Answers

- Rocks – M
- Copper – E
- Jelly Beans – M
- Sugar – C
- Diamond – E
- Tea – M
- Salt - C
- Neon – E
- Salad – M
- Water – C
- Aluminum – E
- Lemonade – M
- Silver – E
- Sand - M