

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

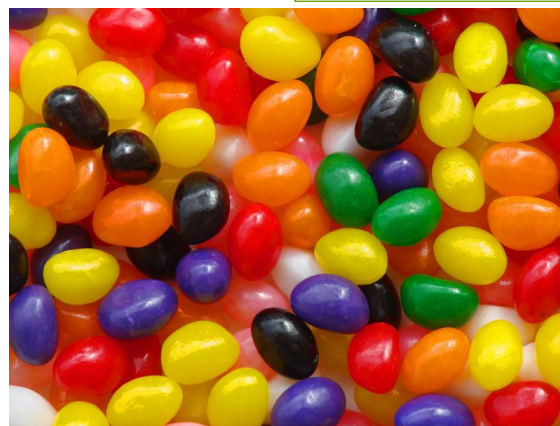
?



Rocks



Copper



Jelly Beans



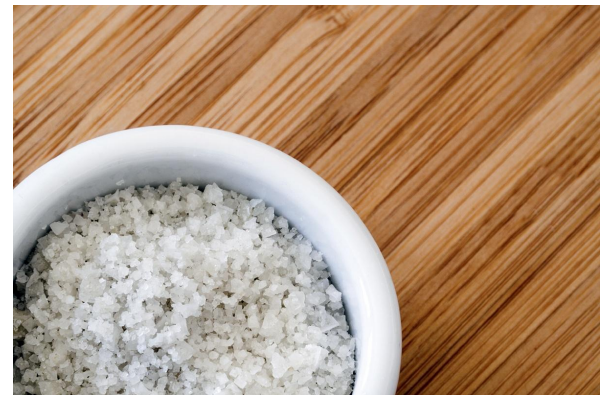
Table Sugar



Diamond



Tea



Salt



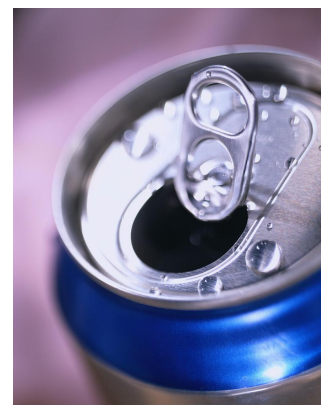
Neon Gas



Salad



Pure Water



Aluminum



Fresh Lemonade



Silver



Sand

Answers

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