

Name: \_\_\_\_\_

Block: \_\_\_\_\_

# Chemistry 11

## Separation of Mixtures

### Worksheet

Taking advantage of various physical and chemical properties, how would you separate the following mixtures into their components?

1. Sand and water \_\_\_\_\_

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2. Sugar and water \_\_\_\_\_

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3. Oil and water \_\_\_\_\_

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4. Sand and gravel \_\_\_\_\_

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5. A mixture of heptane (boiling point 98°C) and heptanol (boiling point 176°C)

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6. A mixture of iodine solid and sodium chloride (Hint: iodine is not soluble in water.)

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7. A mixture of lead and aluminum pellets \_\_\_\_\_

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8. A mixture of salt and iron filings \_\_\_\_\_

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