

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

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

Date: \_\_\_\_\_

Subject: \_\_\_\_\_

## Missing Money Mystery Match Game - Lessons 7 & 8

**Directions:** Match the letters of the clues with the words.

<u>Words</u>	<u>Clue</u>
1. Chemist	a. Different sized DNA bands that appear during testing.
2. Toxicologist	b. Deoxyribonucleic Acid. It determines who you are.
3. Reaction	c. Can be seen through, but not necessarily colorless. Stained glass would be an example.
4. Crystal	d. Person who tests body fluids, like saliva, or organs, like lungs, for the presence of drugs, alcohol or poison.
5. Solution	e. A shape that is colorless and see-through. Might appear to have edges and points.
6. Suspension	f. Made when a substance does not completely dissolve; liquid and powder remain separate. Oil and water, for example, is a suspension.
7. Translucent	g. Electricity is used to separate the DNA into bands.
8. Opaque	h. Cloudy. Cannot be seen through. Ex: Milk
9. DNA	i. A change.
10. DNA Profile	j. Whatever you might inherit from your parents.
11. Gel Box	k. A person who examines what things are made of and how they change.
12. Electrophoresis	l. Made when a substance dissolves and the reaction forms a liquid.
13. Genetic	m. The equipment used to run the electrophoresis and get the DNA profile.

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## Answer Sheet

**Chemist:** A person who examines what things are made of and how they change.

**Toxicologist:** Person who tests body fluids, like saliva, or organs, like lungs, for the presence of drugs, alcohol or poison.

**Reaction:** A change.

**Crystal:** A shape that is colorless and see-through. Might appear to have edges and points.

**Solution:** Made when a substance dissolves and the reaction forms a liquid.

**Suspension:** Made when a substance does not completely dissolve; liquid and powder remain separate. Oil and water, for example, is a suspension.

**Translucent:** Can be seen through, but not necessarily colorless. Stained glass would be an example.

**Opaque:** Cloudy. Cannot be seen through. Milk is opaque.

**DNA:** Deoxyribonucleic Acid. It determines who you are.

**DNA Profile:** Different sized DNA bands that appear during testing.

**Gel Box:** The equipment used to run the electrophoresis and get the DNA profile.

**Electrophoresis:** Electricity is used to separate the DNA into bands.

**Genetic:** Whatever you might inherit from your parents.