



Observations

Lemon Juice:

Milk:

Cola:

Apple Juice:

Water:

Just for Kids

Polishing Pennies

What you need

6 old dull pennies • 5 paper cups • lemon juice
milk • cola • apple juice • water • 5 plastic spoons
paper towel

1. **Put** a penny in each cup.
2. **Pour** some lemon juice into the first cup. Make sure that the penny is completely **covered**.
3. **Wait** a few minutes. Then use a spoon to remove the penny. What does it **look** like? **Record** in your observations on the left under "Lemon Juice."
4. **Rub** the penny on a paper towel. **What happens?**
5. **Try it again** using the other liquids! To one cup add **milk**. To the next cup add **cola**. To the next cup add **apple juice**, and to the last cup add **water**. Use the **same amount** of each liquid.
6. **Wait** about 5 minutes. Then take a **look**. Which pennies are **shiny?** Which liquids make the pennies shine the **most?**

