

## WHAT CLEANS AN OLD PENNY?



### *What You'll Need*

- 3 dull pennies
- 2 paper cups or normal cups
- Vinegar
- Liquid soap
- Paper towel

### *What You'll Do*

1. Guess which liquid will make a penny shine.
2. Set one penny aside. Put each of the other two pennies into its own paper cup.
3. In one cup, pour enough vinegar to cover the penny.
4. In the other cup, pour enough liquid soap to cover the penny.
5. Wait at least ten minutes.
6. Remove the pennies, rinse them in water, and rub them with a paper towel.
7. Compare all three pennies.

Let me know what you find out!

Extend your fun:-

In this experiment, you left the penny in the vinegar for ten minutes.

What do you think would happen if you left it in for 30 seconds? What if you left it in for an hour? What would happen if you put only part of the penny in the vinegar? Make a guess and test these ideas with other pennies. If you run out of vinegar, you can also use other acidic liquids, such as lemon juice or pickle juice. See how they compare!