

Flower colours

What colours did petal juice turn in acid and base?

flower	colours in acid (vinegar)	colours in base (1 tspn baking soda in 1 cup water)	other things you noticed

Name: _____



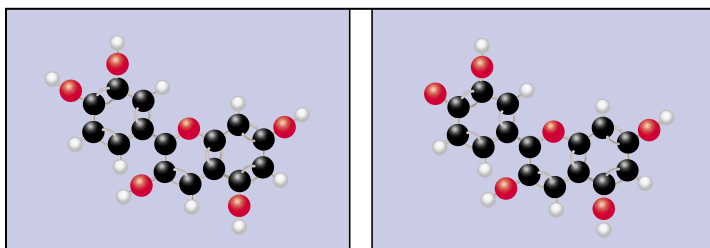
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Rose colour molecule challenge

Find the difference between the two forms of this colour molecule.

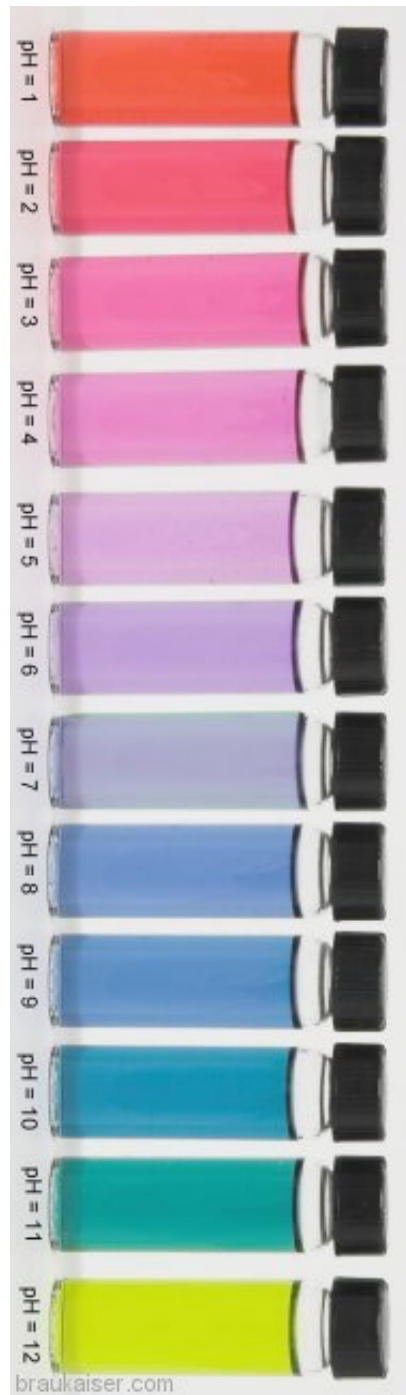
If an acid adds H atoms, which molecule forms in acid? (The other forms in base.)

Use your own results above to deduce what colour each molecule is.



pH testing

Use red cabbage indicator to test the pH of common chemicals, foods and water.



↑ acidic ————— ↓ neutral ————— ↑ basic ————— ↓

Chemical / food / water	pH

Which substance is the most acidic?

Which is the most basic?