

## Experiments contest PF 6

**1. There are two holes in the side of a plastic bottle.**

*What will happen if the bottle is filled with water and kept horizontally?*

- A. Water will come out of the two holes
- B. No water will come out the bottle

**2. Two steel paperclips are hanging side by side on a rope.**

*What will happen if you bring one pole of a magnet near both paperclips and then move it away?*

- A. Nothing will happen
- B. They will separate from each other and then come back
- C. They will separate from each other and stay so.

**3. A 40-Watt bulb and a 100-Watt bulb are connected in series with a battery.**

*Which bulb will glow brighter?*

- A. They will equally bright
- B. The 40-Watt bulb
- C. The 100-Watt bulb

**4. There is mixed water, sodium hydroxide and a few drops of Fenolftalëine in a bottle.**

*What will be the colour change if we drop an effervescent tablet in it?*

- A. from colourless to purple
- B. from red to colourless
- C. from purple to colourless

**5. A metal spoon is held by hand in the blue flame of a Bunsen burner.**

*How long can you hold the spoon?*

- A. less than 10 seconds
- B. between 10 and 20 seconds
- C. longer than 20 seconds

Name:...

School: ...

Answers: 1. ....

2. ....

3. ....

4. ....

5. ....

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