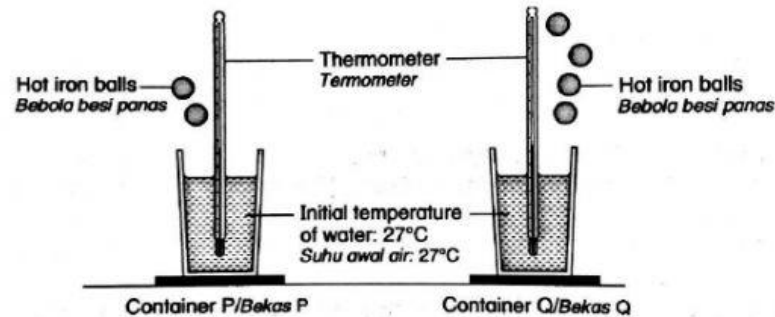


SCIENCE YEAR 4

UNIT I: SCIENTIFIC SKILLS (CONTROLLING VARIABLES)

This diagram shows two containers filled with 200 ml of water with a thermometer put in each container.



Then, two hot iron balls are placed into container P and four hot iron balls are placed into container Q.

The temperature of the water in container P after 10 seconds = 35 °C

The temperature of the water in container Q after 10 seconds = 44 °C

Match:

Manipulated variable

Water temperature

Constant variable

Number of hot iron balls

Responding variable

Time for the hot iron balls are left in the container