



Name: ..... Form: .....

Based on pages 8 and 9 of *Changing circuits*

# How can the brightness of bulbs be controlled?

**Try this...**

1. Collect three batteries, three light bulbs, a switch and seven pieces of wire.
2. Make a plan to find out how the number of batteries in a circuit affects the brightness of a bulb. Draw the circuits you plan to make.
3. Show your teacher your plan. If your teacher approves, try your investigation.
4. What did your investigation show?
5. Make a plan to find out how the number of bulbs in a circuit affects the brightness of a bulb. Draw the circuits you plan to make.
6. Show your teacher your plan. If your teacher approves, try your investigation.
7. What did your investigation show?