

Name:

Date:

## CHANGING STATES

### Activity 5

You've seen condensation a lot of times.

A) You need

➤ A big jar




➤ Hot water




➤ A fridge



➤ A saucepan lid




B) Instructions and diagram:

1. Leave a saucepan lid in the fridge for some minutes.
2. Put some hot tap water in a big jar.
3. Hold the lid over the jar for a minute.

### Diagram

C) What happened? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

D) Why did it happen? \_\_\_\_\_

\_\_\_\_\_

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- C) - Water vapour became water in contact with the lid because the lid was *colder/hotter* than the water vapour.
- D) - Because water vapour condensates with the *increase/decrease* in temperature.