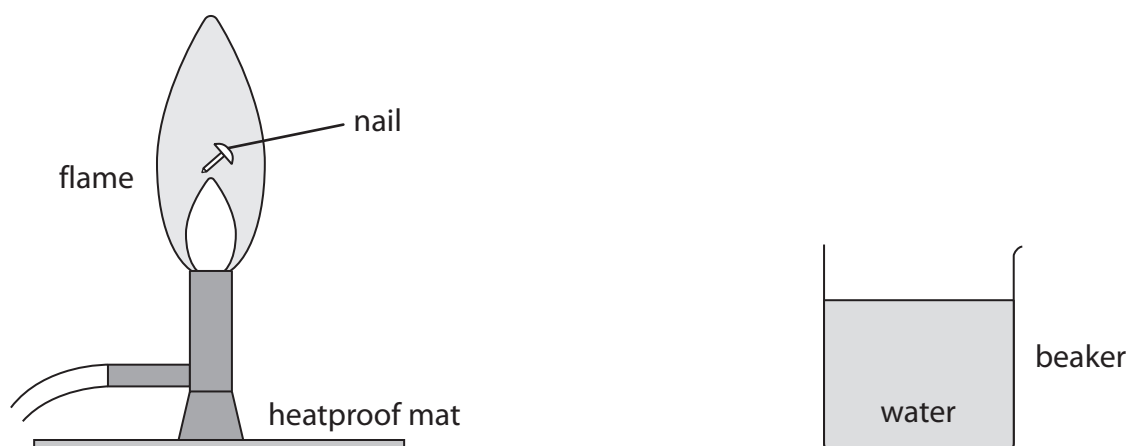


- 9 A student uses a small iron nail and a beaker of water to estimate the temperature of a flame. The diagram shows some of the equipment used.



This is the student's method

- place a thermometer into the beaker of water
- record the temperature of the water
- heat the nail in the flame for a long period of time
- quickly move the nail into the beaker of water
- record the highest temperature of the water

(a) State a safety precaution the student should take.

(1)

DO NOT WRITE IN THIS AREA

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