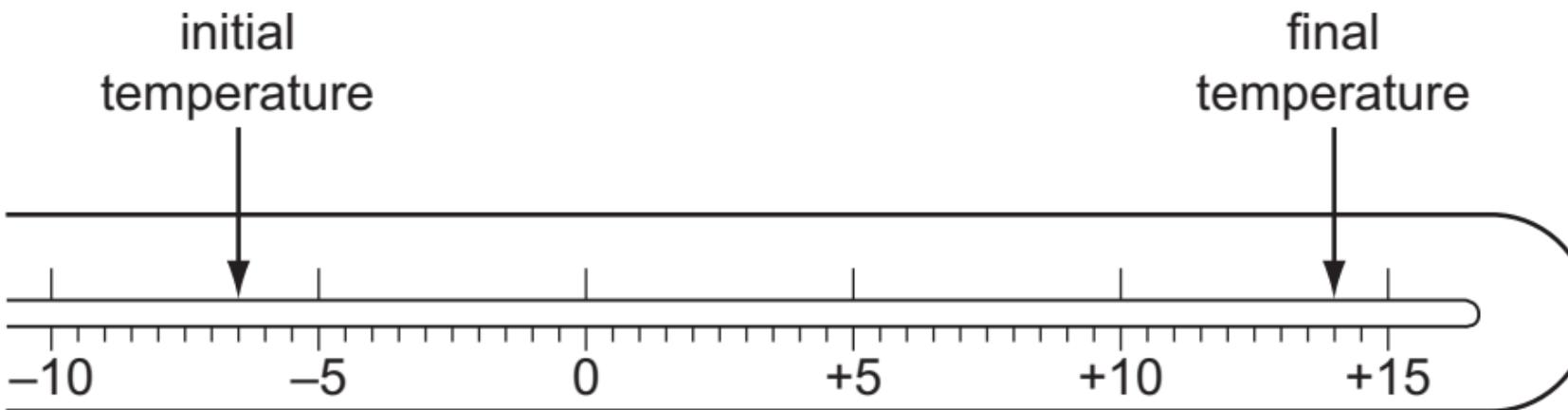


- 6 The diagram shows the stem of a Celsius thermometer, marked to show initial and final temperature values.



What is the temperature change expressed to an appropriate number of significant figures?

A 14°C

B 20.5°C

C 21°C

D 22.0°C

- 7 A double-ended launching device fires two identical steel balls X and Y at exactly the same time