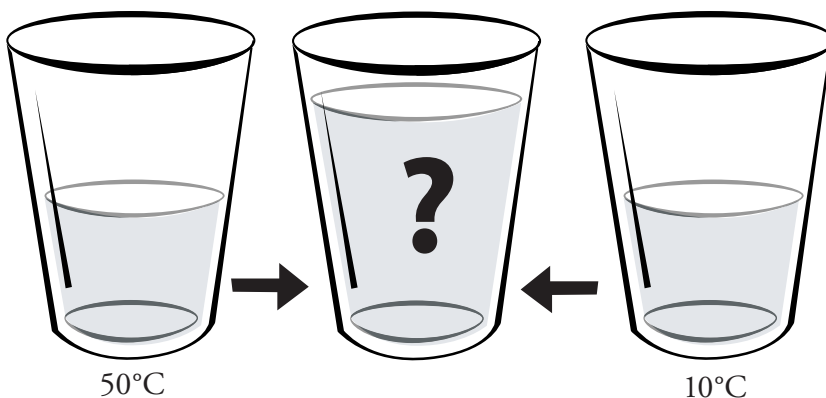


# Mixing Water

Melinda filled two glasses of equal size half-full with water. The water in one glass was 50 degrees Celsius. The water in the other glass was 10 degrees Celsius. She poured one glass into the other, stirred the liquid, and measured the temperature of the full glass of water.

What do you think the temperature of the full glass of water will be after the water is mixed? Check off your prediction.

- A. 20 degrees Celsius
- B. 30 degrees Celsius
- C. 40 degrees Celsius
- D. 50 degrees Celsius
- E. 60 degrees Celsius



Explain your thinking. Describe the “rule” or reasoning you used for your answer.

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