1 Triangle *PQR* in the diagram below represents Pam's trip across a river.
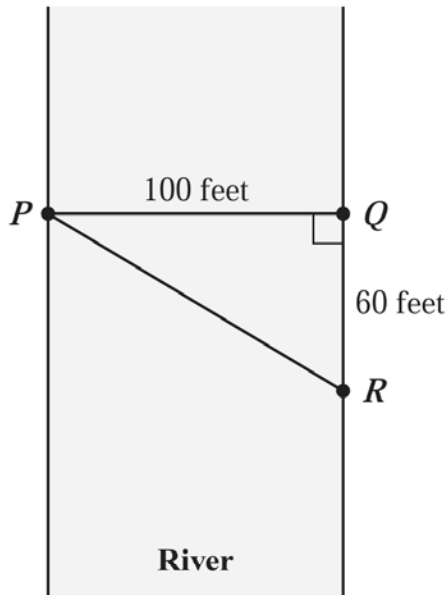
In the diagram, $\overline{PQ}$ represents her planned trip across the river, and $\overline{PR}$ represents her actual trip across the river.
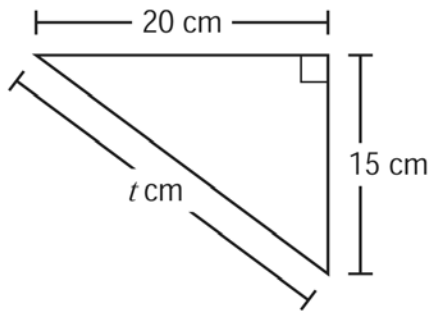
Based on the dimensions in the diagram, which of the following is closest to the length of $\overline{PR}$?

A. 104 feet
B. 117 feet
C. 120 feet
D. 160 feet

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2 The diagram below shows a triangle and
some of its dimensions.

$$\longmapsto 20 \text{ cm} \longrightarrow$$

15 cm

t cm

What is the value of t?

A. 25

B. 30

C. 35

D. 40

Mark your answer here: 2. Ⓐ Ⓑ Ⓒ Ⓓ

3 A right triangle is shown below.

55° $x°$
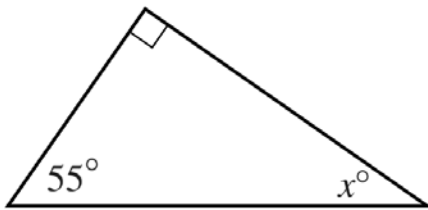
What is the value, in degrees, of x?

A. 25

B. 35

C. 45

D. 55

Mark your answer here: 3. Ⓐ Ⓑ Ⓒ Ⓓ

4   In the diagram below, $\overline{EH}$ intersects $\overline{FJ}$ at point G.

Mark your answer here: 4. Ⓐ Ⓑ Ⓒ Ⓓ
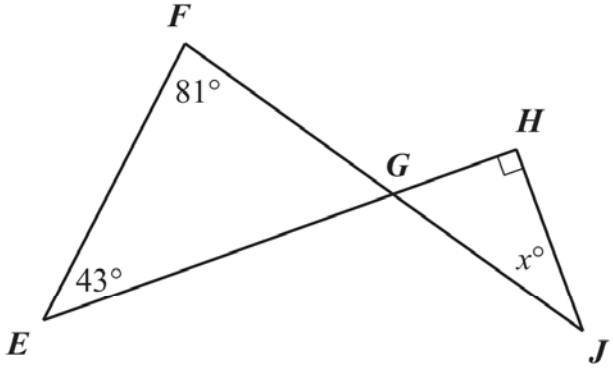
Based on the angle measures in the diagram, what is the value of x?

A. 34

B. 38

C. 43

D. 56