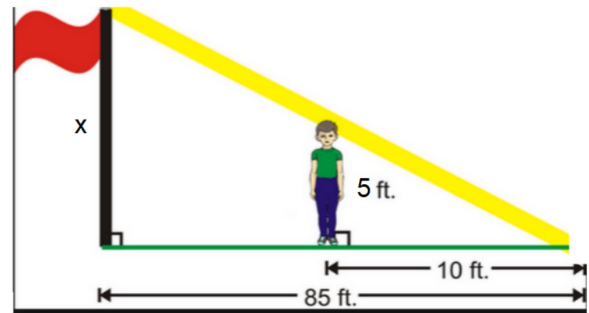# Name: _____

U6 Scavenger Hunt:
Indirect measurement

○ Start at task number 1
○ Look for the answer on another task card
○ That task card has your next task (question)
○ Keep going until you have completed all task cards.

Task Card 1   **Answer: 17**

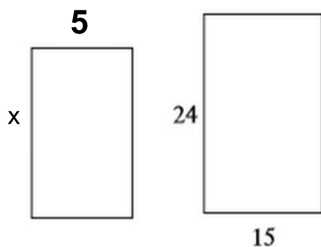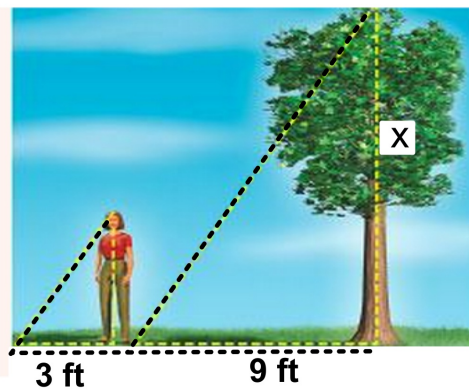**New Task:**
What is the height of the flag pole?

x

5 ft.

10 ft.

85 ft.

Task Card 2   **Answer: 15**

The polygons are similar. Solve for x.

5

x

24

15

Task Card 3   **Answer: 16.7**

x

What is the height of the tree if the girl is 5 ft tall?

3 ft   9 ft

Task Card 4   **Answer: 20**
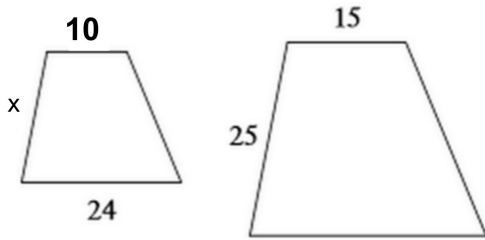
The polygons are similar. Solve for x.

x

1.5 ft.

9 ft.

6 ft.
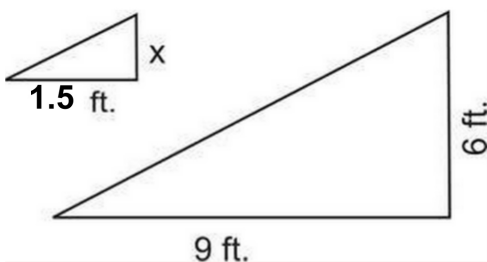
Task Card 5   **Answer: 6**

50

x

25

40
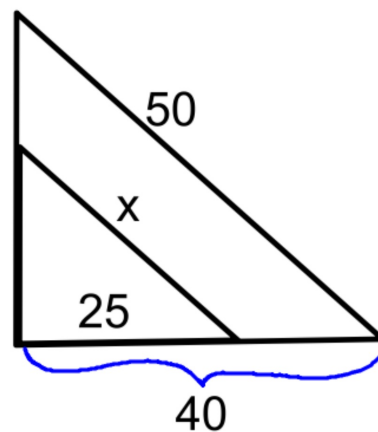
Task Card 6	**Answer: 12**

The polygons are similar. Solve for x.

Task Card 7	**Answer: 12.5**

The polygons are similar. Solve for x.
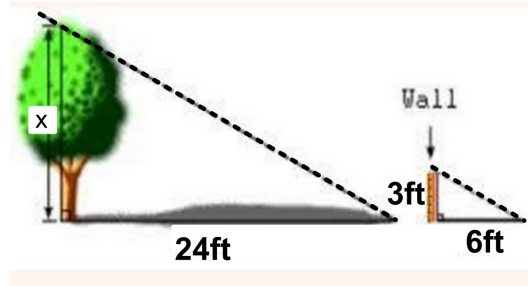
Task Card 8	**Answer: 31.25**

What is the length of the lake?
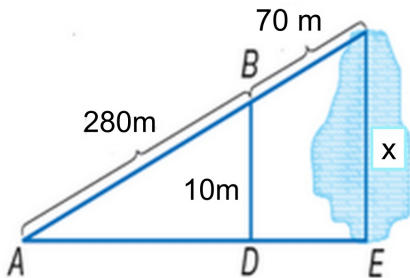
Task Card 9	**Answer: 8**

How much taller is the tree than the person?
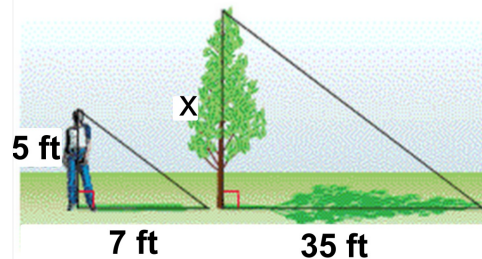
Task Card 10	**Answer: 1**

The polygons are similar. Solve for x.
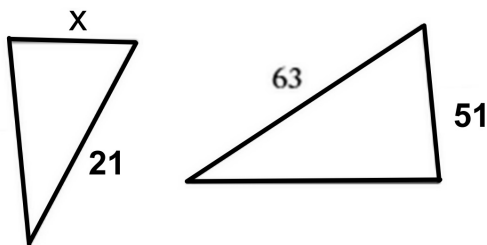
Task Card 11	**Answer: 42.5**

The polygons are similar. Solve for x.