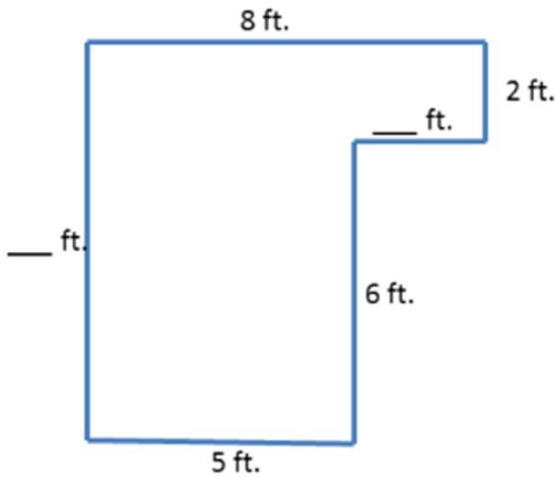
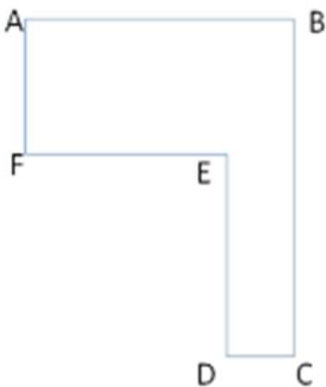


Area Worksheets (Decomposition)

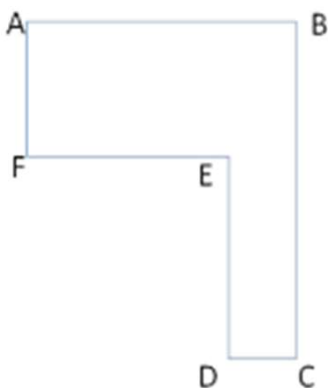
1. Find the missing dimensions of the figure below and then find the area using decomposition.



2. If $AB = 20$, $FE = 12$, $AF = 9$, and $DE = 12$, find the length of both other sides. Then find the area of the irregular polygon.



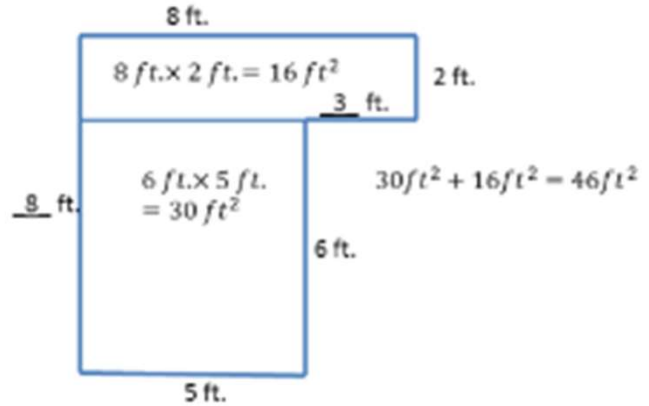
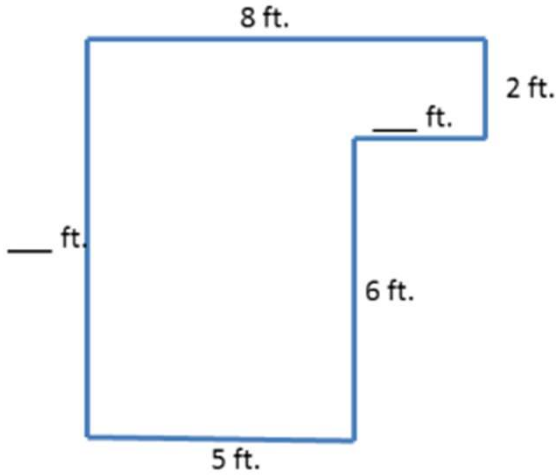
3. If $AB = 1.9\text{cm}$, $FE = 5.6\text{cm}$, $AF = 4.8\text{cm}$, and $DE = 10.9\text{cm}$, find the length of both other sides. Then find the area of the irregular polygon.



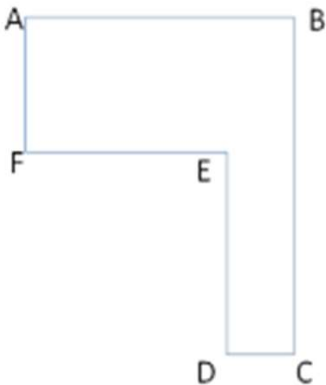
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Area Worksheets (Decomposition)

1. Find the missing dimensions of the figure below and then find the area using decomposition.

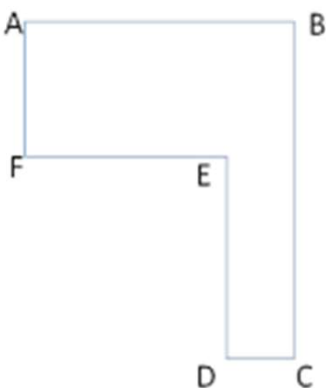


2. If $AB = 20$, $FE = 12$, $AF = 9$, and $DE = 12$, find the length of both other sides. Then find the area of the irregular polygon.



$$CD = 8, BC = 21, \text{ Area} = 276 \text{ units}^2$$

3. If $AB = 1.9\text{cm}$, $FE = 5.6\text{cm}$, $AF = 4.8\text{cm}$, and $DE = 10.9\text{cm}$, find the length of both other sides. Then find the area of the irregular polygon.



$$AB = 7.5\text{cm}, DE = 6.1 \text{ cm}, \text{ Area} = 47.59 \text{ cm}^2$$

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