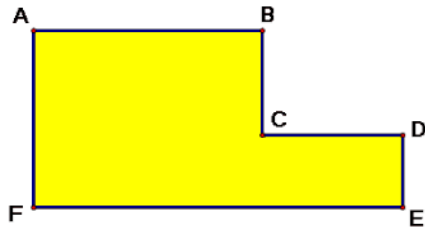


HW - Area of Complex Figures

Find the area of the complex figures. Round to the nearest hundredth if necessary.

1.



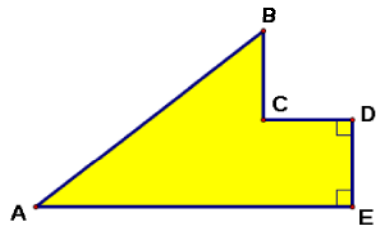
$$\overline{AB} = 12 \text{ m}$$

$$\overline{BC} = 6.4 \text{ m}$$

$$\overline{AF} = 9.6 \text{ m}$$

$$\overline{EF} = 18 \text{ m}$$

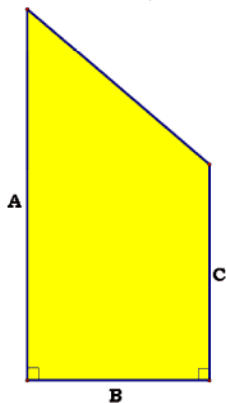
2.



$$\overline{BC} = \overline{CD} = \overline{DE} = 3.2 \text{ in}$$

$$\overline{AE} = 12.8 \text{ in}$$

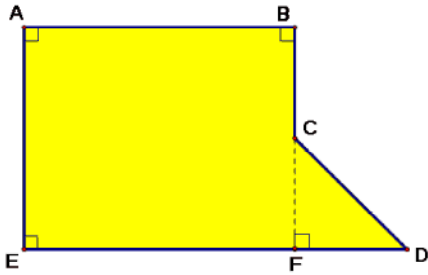
3. A = 12.1 yd, B = 5.3 yd, C = 8.6 yd



Name: _____

ID: A

4.

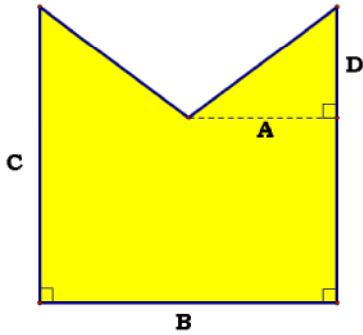


Quadrilateral ABFE is a Square

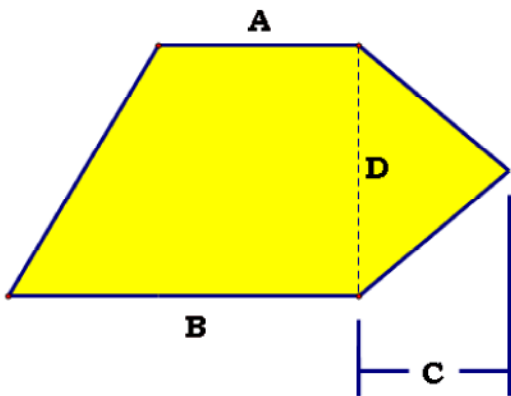
$$\overline{AB} = 14.4 \text{ mi}$$

$$\overline{CF} = \overline{DF} = \frac{1}{2} \text{ of } \overline{AB}$$

5. $A = 6.8 \text{ m}$, $B = C = 13.6 \text{ m}$, $D = 5.1 \text{ m}$



6. $A = 4.2 \text{ ft}$, $B = 7.1 \text{ ft}$, $C = 2.7 \text{ ft}$, $D = 4.8 \text{ ft}$



HW - Area of Complex Figures
Answer Section

1. 134.4
2. 40.96
3. 54.86
4. 233.28
5. 150.28
6. 33.6