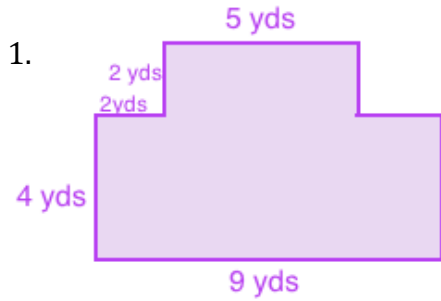


Name: \_\_\_\_\_

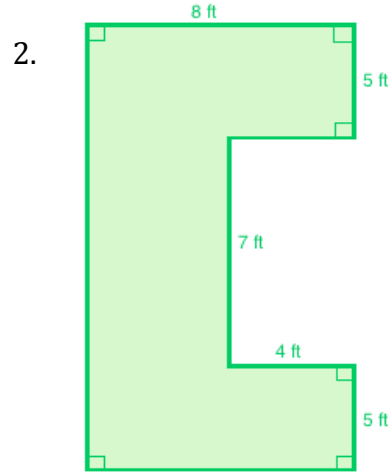
Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Perimeter and Area of Composite Figures **Answers**

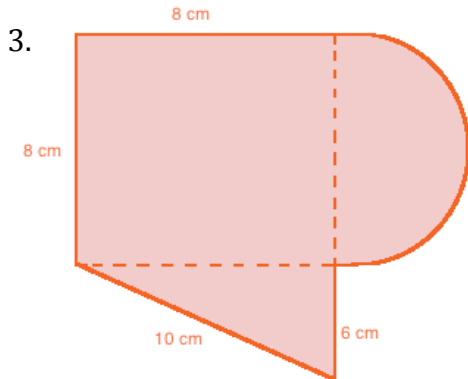
### Section I. Find the perimeter (don't forget to use the correct units)



$$P = 30 \text{ yds}$$



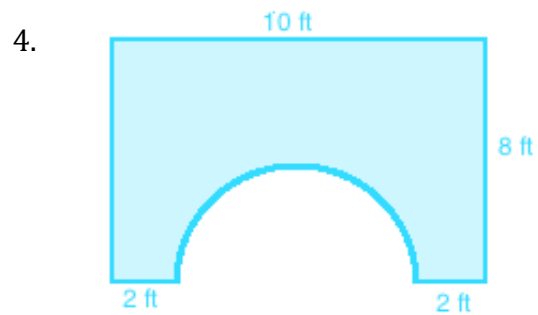
$$P = 58 \text{ ft}$$



$$P = 32 + 4\pi \text{ yds}$$

or

$$44.56 \text{ yds}$$



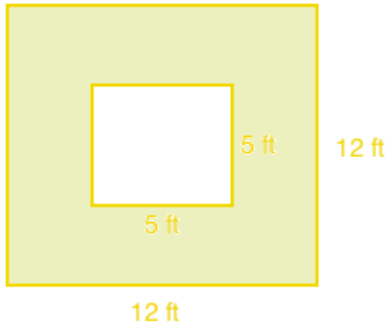
$$P = 30 + 3\pi \text{ ft}$$

or

$$39.42 \text{ ft}$$

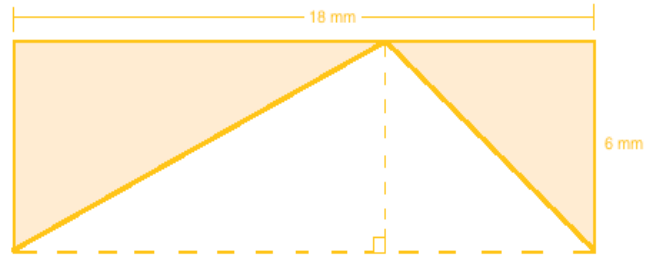
**Section II. Find the area (watch your units)**

5.



$$A = 119 \text{ ft}^2$$

6.



$$A = 54 \text{ mm}^2$$

7.

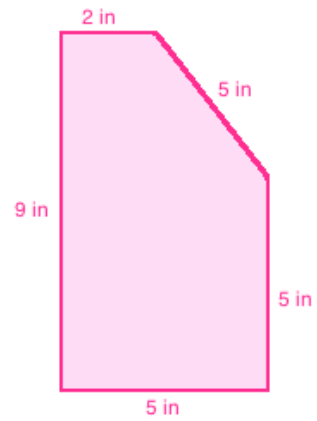


$$A = 78 + 36\pi \text{ mm}^2$$

*or*

$$191.04 \text{ mm}^2$$

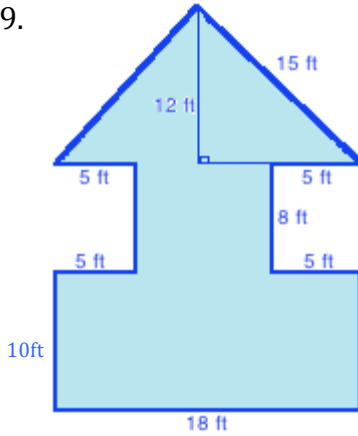
8.



$$A = 39 \text{ in}^2$$

**Section III. Find the a) Perimeter and b) Area (don't forget to use the correct units)**

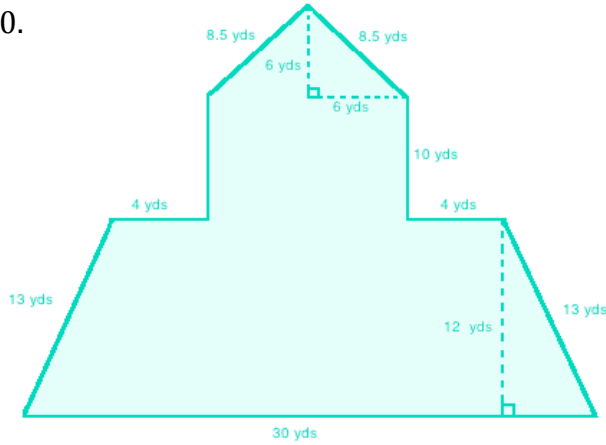
9.



$$P = 104 \text{ ft}$$

$$A = 298 \text{ ft}^2$$

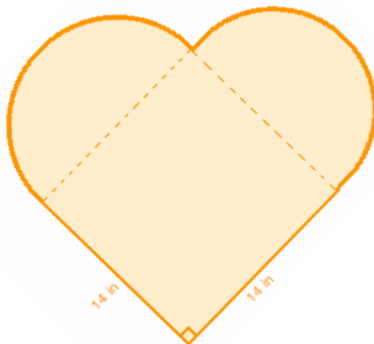
10.



$$P = 101 \text{ yds}$$

$$A = 636 \text{ yds}^2$$

11.



$$P = 28 + 14\pi \text{ ft or } 99.96 \text{ ft}$$

$$A = 196 + 49\pi \text{ ft}^2 \text{ or } 349.86 \text{ ft}^2$$