

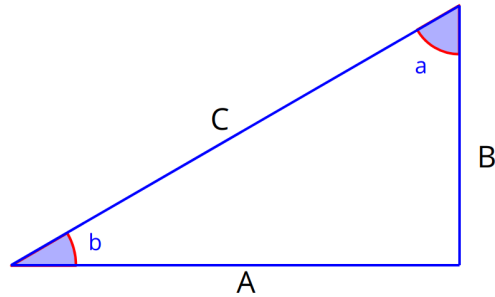
Name: \_\_\_\_\_

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

## Geometry Review

Let's spend some time reviewing triangles as this won't be the last time you see these.

**Part I:** Use the below triangle to fill in the missing information



1.

$$A = 3.00 \text{ m}$$

$$B = 4.00 \text{ m}$$

$$C =$$

$$a = 36.87^\circ$$

$$b =$$

2.

$$A = 5.00 \text{ m}$$

$$B =$$

$$C = 13.00 \text{ m}$$

$$a =$$

$$b = 67.38^\circ$$

3.

$$A = 47.20 \text{ m}$$

$$B =$$

$$C = 70.40 \text{ m}$$

$$a =$$

$$b = 40.52^\circ$$

4.

$$A =$$

$$B =$$

$$C = 250.30 \text{ m}$$

$$a = 31.51^\circ$$

$$b = 58.49^\circ$$

5.

$$A = 300.80 \text{ m}$$

$$B =$$

$$C = 504.70 \text{ m}$$

$$a =$$

$$b =$$

6.

$$A =$$

$$B = 399.75 \text{ m}$$

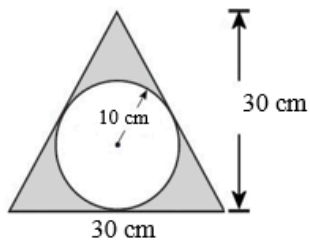
$$C = 410.87 \text{ m}$$

$$a =$$

$$b =$$

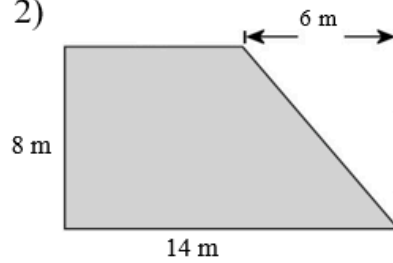
**Part II:** Find the area of the shaded region in the following shapes:

1)



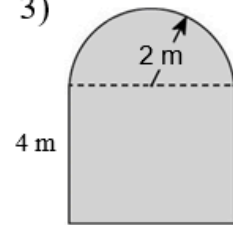
Area: \_\_\_\_\_

2)



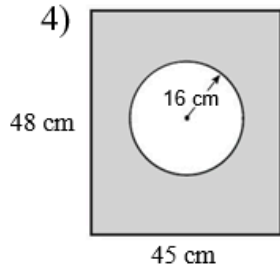
Area: \_\_\_\_\_

3)



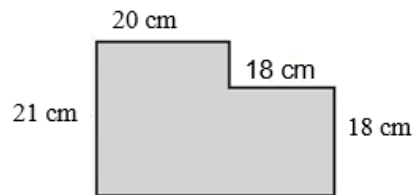
Area: \_\_\_\_\_

4)



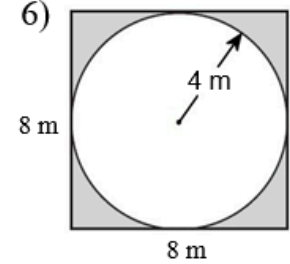
Area: \_\_\_\_\_

5)



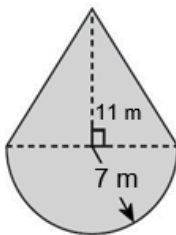
Area: \_\_\_\_\_

6)



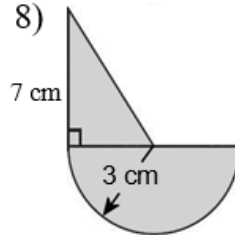
Area: \_\_\_\_\_

7)



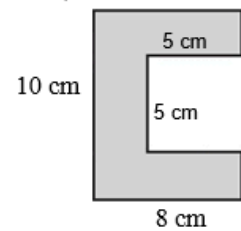
Area: \_\_\_\_\_

8)



Area: \_\_\_\_\_

9)



Area: \_\_\_\_\_