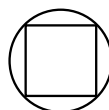


## Inscribed Figures

An inscribed figure is a shape drawn inside another figure.



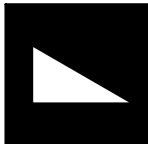
Practice finding the area of the shaded portion of each example with your teacher:

a) 

Area of the rectangle: \_\_\_\_\_

Area of the square: \_\_\_\_\_

Area of the shaded region: \_\_\_\_\_

b) 

The triangle has a base of 3 yd and a height of 2 yd.

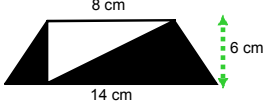
Area of square: \_\_\_\_\_

Area of triangle: \_\_\_\_\_


Area of shaded region: \_\_\_\_\_

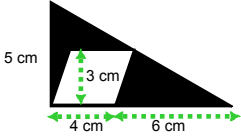
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c)  Area of rectangle: \_\_\_\_\_  
 Area of circle: \_\_\_\_\_  
 Area of shaded region: \_\_\_\_\_

d)  Area of trapezoid: \_\_\_\_\_  
 Area of triangle: \_\_\_\_\_  
 Area of shaded region: \_\_\_\_\_

Now you try a few on your own:

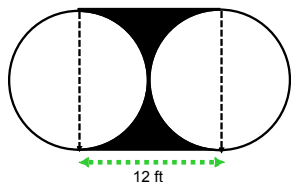
1)  Area of rectangle: \_\_\_\_\_  
 Area of circles: \_\_\_\_\_  
 Area of shaded region: \_\_\_\_\_

2)  Area of triangle: \_\_\_\_\_  
 Area of parallelogram: \_\_\_\_\_  
 Area of shaded region: \_\_\_\_\_

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Who can figure this one out?

Bonus:



Area of square: \_\_\_\_\_

Area of semi circle: \_\_\_\_\_

Area of shaded region: \_\_\_\_\_