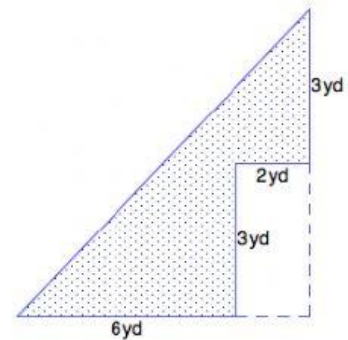


1. Calculate the following areas of the shapes shown. Use  $\pi = 3.142$ , if necessary

Area of Larger Shape = \_\_\_\_\_ yd<sup>2</sup>

Area of Smaller Shape = \_\_\_\_\_ yd<sup>2</sup>

Area of Shaded Region = \_\_\_\_\_ yd<sup>2</sup>

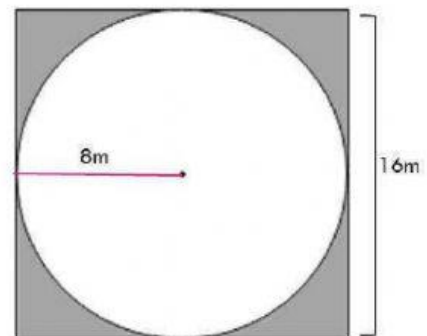


2. The outer diameter of an annulus is 13.4". The inner diameter is 7.5". Calculate its area. Use  $\pi = 3.142$ .

Area of Larger Shape = \_\_\_\_\_ m<sup>2</sup>

Area of Smaller Shape = \_\_\_\_\_ m<sup>2</sup>

Area of Shaded Region = \_\_\_\_\_ m<sup>2</sup>

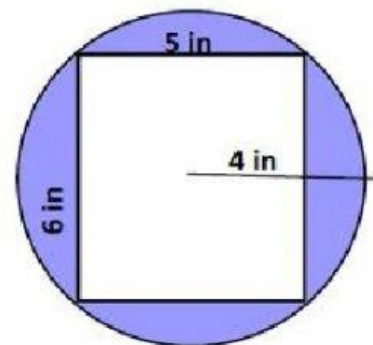


3. Calculate the following areas of the shapes shown. Use  $\pi = 3.142$ , if necessary

Area of Larger Shape = \_\_\_\_\_ in<sup>2</sup>

Area of Smaller Shape = \_\_\_\_\_ in<sup>2</sup>

Area of Shaded Region = \_\_\_\_\_ in<sup>2</sup>



4. Calculate the following areas of the shapes shown. Use  $\pi = 3.142$ , if necessary

Area of Larger Shape = \_\_\_\_\_ m<sup>2</sup>

Area of Smaller Shape = \_\_\_\_\_ m<sup>2</sup>

Area of Shaded Region = \_\_\_\_\_ m<sup>2</sup>

