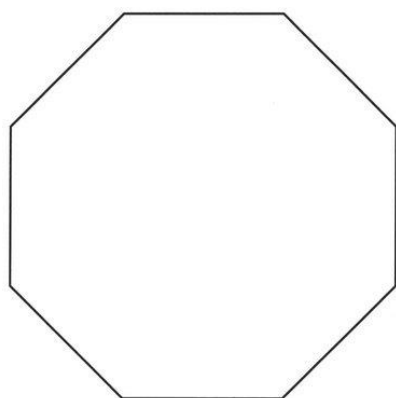
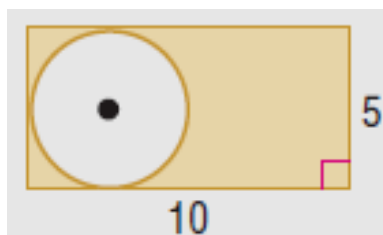


1) A caterer wants to use on large circular piece of material to make a tablecloth for a 48 inch diameter table that is 34 inches tall. She wants the tablecloth to barely touch the floor. What is the area of the fabric needed for one table? Draw a picture and show your work.

2) Find the area of a regular octagon with side lengths of 10 inches.



3) Find the shaded area.



4) A regular hexagon with side lengths of 7 feet is inscribed in a circle. Find the shaded area.

