

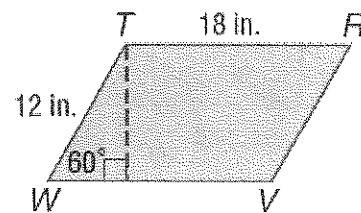
11.3

Practice - Unit 11 Bernhard GT Geometry

Name _____

SHOW ALL WORK FOR CREDIT!! Round 2 decimal places when necessary.

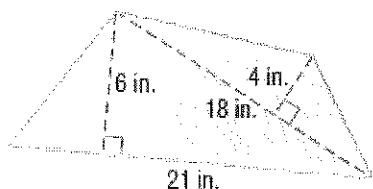
1. Find the perimeter and area of parallelogram TRVW.



Perimeter = _____

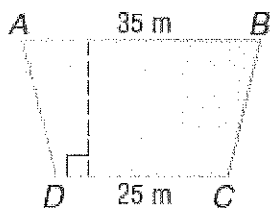
Area = _____

2. Area = _____



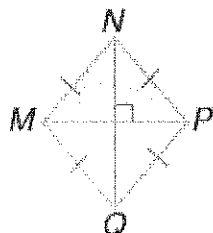
3. The area of the trapezoid = 750 m^2 .

Height = _____

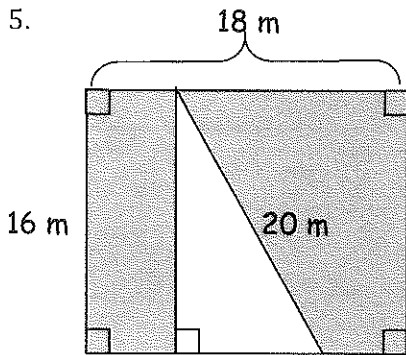


4. The area of the rhombus = 375 in^2 . $MP = 25 \text{ in}$.

$NQ =$ _____

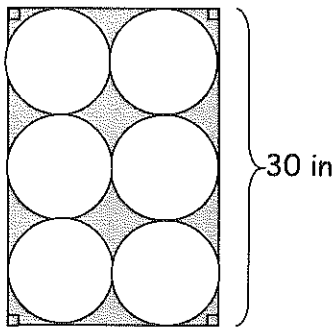


5.



Area = _____

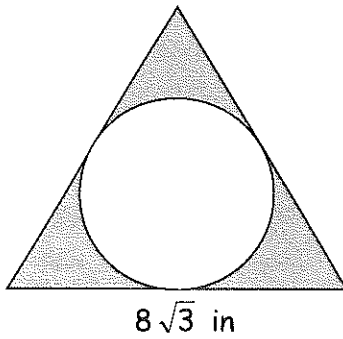
6.



Area = _____

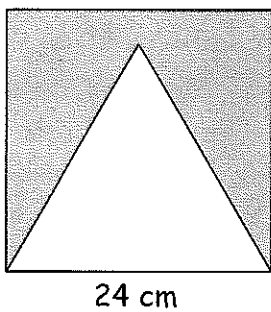
For #7-10, find the area of the shaded regions. Point C is the center of the circle. Leave answers exact. Show all work. All polygons are regular figures.

7.



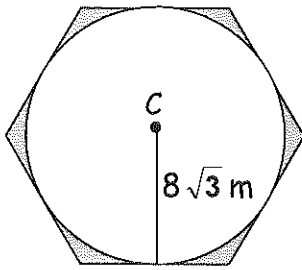
Area = _____

8.



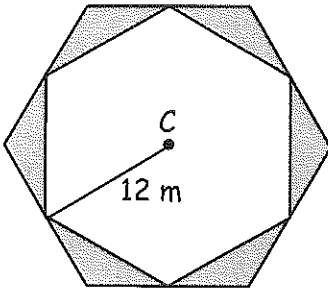
Area = _____

9.



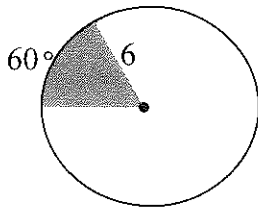
Area = _____

10.



Area = _____

11. Find the area of the sector.

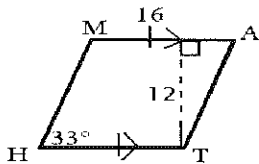


Area = _____

12. A circle has an area of $160\pi \text{ cm}^2$. If a sector of the circle has an area of $40\pi \text{ cm}^2$, find the measure of the arc of the sector.

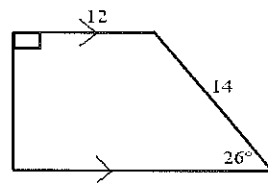
13. The area of sector AOB is 10π and $m\angle AOB = 100^\circ$. Find the radius of circle O.

14.

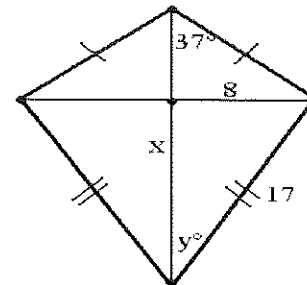


MH = _____ Area = _____

15.



Height = _____ Area = _____



$x =$ _____

$y^\circ =$ _____

Area = _____