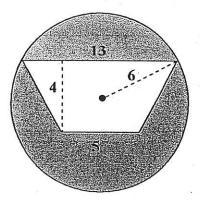
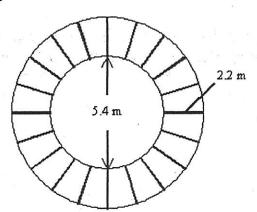
Directions: Be sure to show all work and all formulas you use in each problem.

[2] 1. Find the circumference of a circle, whose diameter is 13cm. Round your answer to the *nearest tenth*.

[4] 2. Find the area of the shaded region below to the nearest tenth.



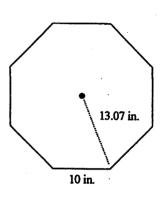
7. The figure represents the overhead view of a deck surrounding a hot tub. What is the area of the deck? Round to the nearest tenth.



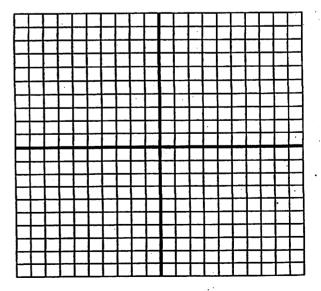
[2] 4. Find the area of a pentagon with a side length of 21 and an apothem length of 15.5.

[2] 5. The circumference of a circle is 21π , find the length of the radius.

4. Find the area of the regular polygon. Round your answer to the nearest tenth.



- [1] 7. a. Graph kite CDEF with vertices C(4, 1), D(8, 3), E(4, 10), and F(0, 3).
- [2] b. Find the area of kite CDEF.

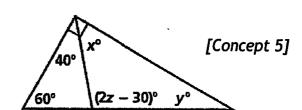


1. Find the sum of the measures of the interior angles of a regular hexagon.

[Concept 7]

2. Find the measure of an exterior angle of a regular septagon. [Concept 7]

3. Find the values of x, y, and z.



Geometr	y
Chapter	

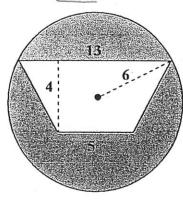
Name______Cumulative Ouiz

Directions: Be sure to show all work and all formulas you use in each problem.

[2] Find the circumference of a circle, whose diameter is 13cm. Round your answer to the nearest tenth.

[4] 2. Find the area of the shaded region below to the nearest tenth.

Area D - Area



5.4 m

Pentagon Perimeter = 5 sides = 215

= 105

2.2 m

7. The figure represents the overhead view of a deck surrounding a hot tub. What is the area of the deck? Round to the nearest tenth.

[2]

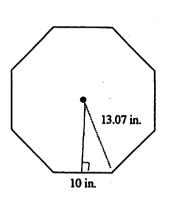
$$=75.4 \,\mathrm{m}^2 = 22.9 \,\mathrm{m}^2$$

Deck = 75.4 m2 - 22.9 m2 = 52.5 m 4. Find the area of a pentagon with a side length of 21 and an apothem length of 15.5.

5. The circumference of a circle is 21π , find the length of the radius. [2]

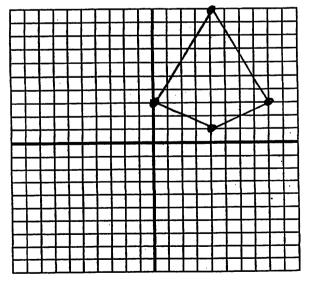
4. Find the area of the regular polygon. Round your answer to the nearest tenth.

$$b = 12.1$$



- 7. a. Graph kite CDEF with vertices C(4, 1), D(8, 3), E(4, 10), and F(0, 3). [1]
- [2] b. Find the area of kite CDEF.

$$A = \frac{1}{2} d_1 d_2$$



Name:	

Geometry Target Quiz 3B

1. Find the sum of the measures of the interior angles of a regular hexagon.

2. Find the measure of an exterior angle of a regular septagon. [Concept 7] 7 sides

Find the values of x, y, and z.