Name	Key
TAUTHC_	1

Pd Date

11.3 Areas of Polygons Shaded Regions CYU

I Use when you get it right all by yourself

Suse when you did it all by yourself, but made a silly mistake

with a little help from teacher or peer

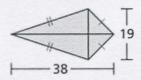
& Use when you completed the problem in a group

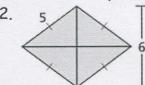
I Use when a question was attempted but wrong (get help)

NUse when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Area of kite or rhombus	1	2	
Vocabulary terms	4 - 6		
Area of a regular polygon & central ∠	7	8	
Area of shaded region of regular polygon			9 - 12

Find the area of the kite or rhombus. Show the set up.





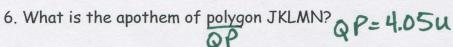
5.88

4.05

361 u2

Use the diagram to answer the following questions.

- Identify the center of polygon JKLMN.
- 4. Identify a central angle of polygon JKLMN. 3MPN
- 5. What is the radius of polygon JKLMN? 5 u = PM

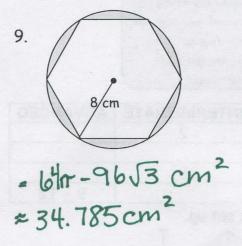


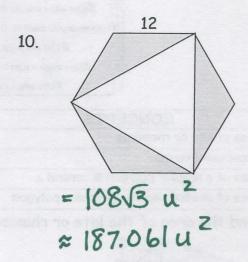
Find the measure of a central angle of a regular polygon with the given number of sides. Round answers to the nearest tenth of a degree, if necessary.

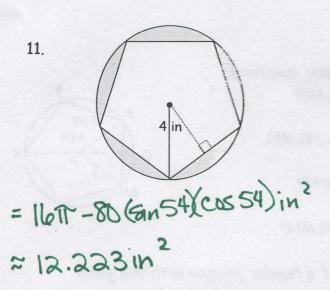
7. 18 sides

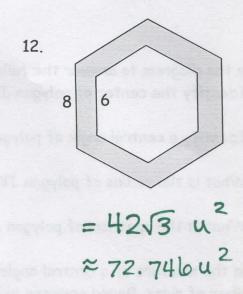
8.7 sides

Find the area of each share region. Show your set up. Give the exact and approximate to the thousand when appropriate. Do not forget units.









CYU Reflection: How far can you go: basic, intermediate, or advanced?

Rate your mastery level!

How confident are you with the skills this CYU covered? Circle the score you would give yourself.

