

Geometry

Unit 6 Quiz 2 Review A

Name:

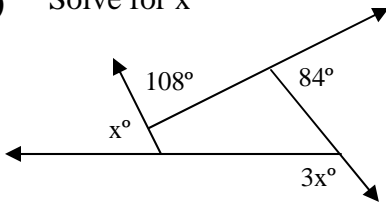
Date:

Per: 1 2 3 4 5 6

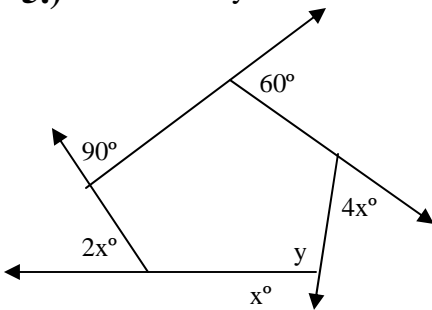
Directions: Read the directions. You may work with your partner to solve the following problems and answer the following questions.

- 1.) Find the interior angle and exterior angle of a regular 18-gon.
- 2.) Each interior angle of a regular n -gon has a measure of 160° , how many sides does it have?
- 3.) Each exterior angle of a regular n -gon has a measure of 8° , how many sides does it have?

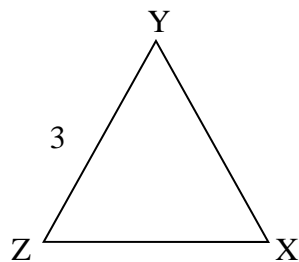
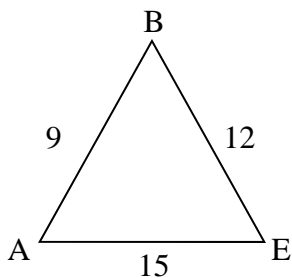
- 4.) Solve for x



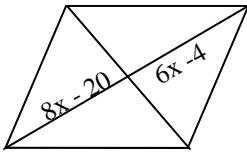
- 5.) Solve for y



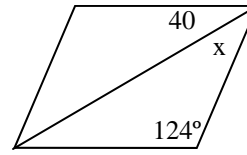
- 6.) **Given:** $\triangle ABE \sim \triangle XYZ$
Find: ZX



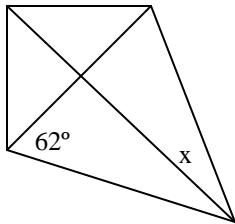
7.) Given the parallelogram below. Solve for x



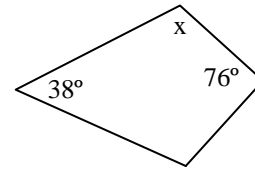
8.) Given the parallelogram below. Solve for x



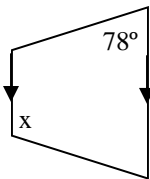
9.) Given the kite below. Solve for x



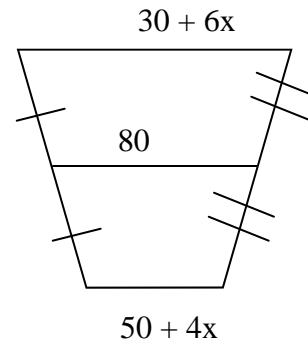
10.) Given the kite below. Solve for x



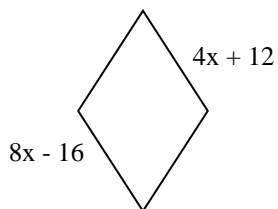
11.) Given the trapezoid below. Solve for x



12.) Given the trapezoid below. Solve for x



13.) Given the rhombus below. Solve for x



14.) Given the rectangle below and $BD = 36$. Solve for x

