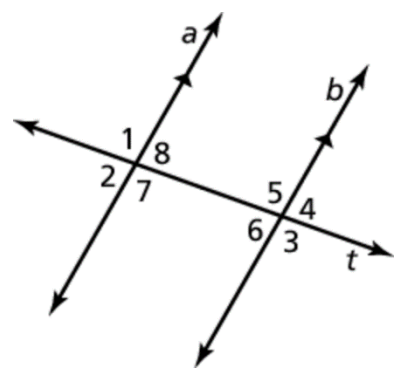


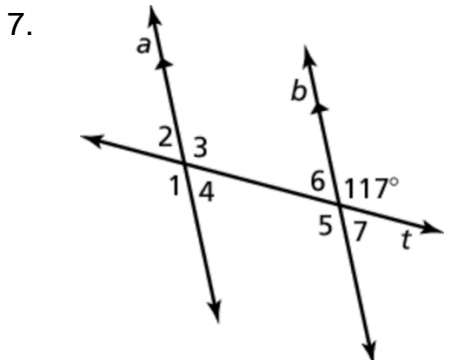
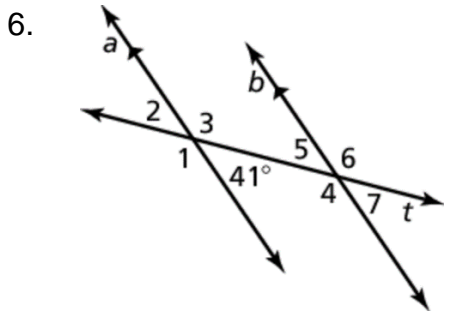
## Lesson 3.1 Practice Worksheet

Using the figure on the right, identify two pairs of angles for each angle type.

1. vertical angles \_\_\_\_\_
2. corresponding angles \_\_\_\_\_
3. supplementary angles \_\_\_\_\_
4. alternate interior angles \_\_\_\_\_
5. alternate exterior angles \_\_\_\_\_

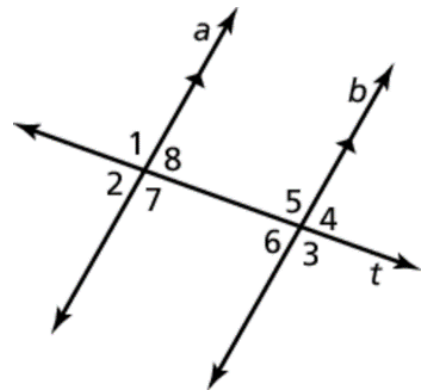


Use the figure to find the measurement of each angle.



Use the figure on the right to complete each statement. Explain your reasoning.

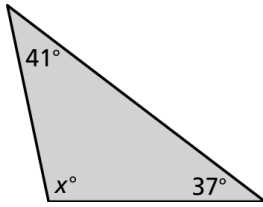
8. If the measure of  $\angle 1 = 160^\circ$ , then the measure of  $\angle 5 = \underline{\quad ? \quad}$ .
9. If the measure of  $\angle 6 = 37^\circ$ , then the measure of  $\angle 4 = \underline{\quad ? \quad}$ .
10. If the measure of  $\angle 4 = 60^\circ$ , then the measure of  $\angle 5 = \underline{\quad ? \quad}$ .
11. If the measure of  $\angle 6 = 85^\circ$ , then the measure of  $\angle 8 = \underline{\quad ? \quad}$ .
12. If the measure of  $\angle 8 = 82^\circ$ , then the measure of  $\angle 3 = \underline{\quad ? \quad}$ .



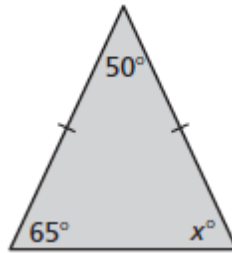
## Lesson 3.2 Practice Worksheet

Find the measures of the interior angles.

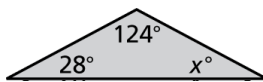
1.



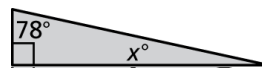
2.



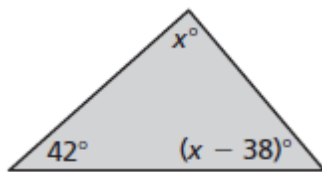
3.



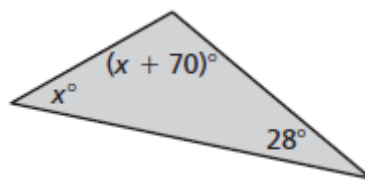
4.



5.

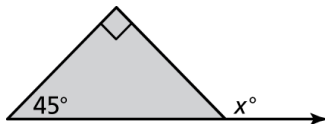


6.

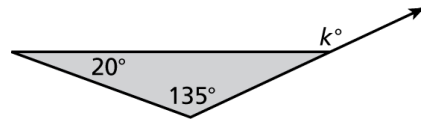


Find the measure of the exterior angle.

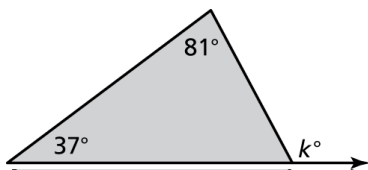
7.



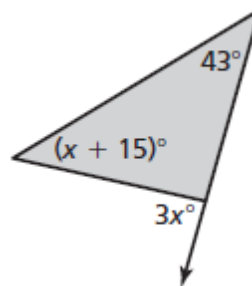
8.



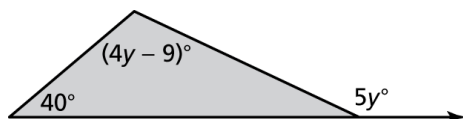
9.



10.



11.



12.

