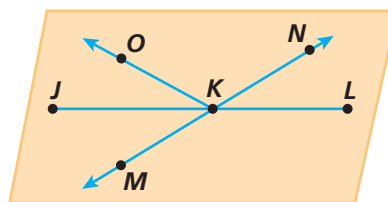


Extra Practice Chapter 9

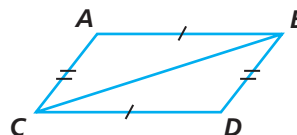
LESSON 9-1

Identify the figures in the diagram.

- three points
- a line
- a plane
- three rays
- three line segments



- Identify the line segments that are congruent in the figure.



LESSON 9-2

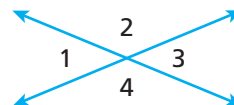
Use a protractor to measure each angle. Classify each angle as acute, right, obtuse, or straight.

-
-
-
-

LESSON 9-3

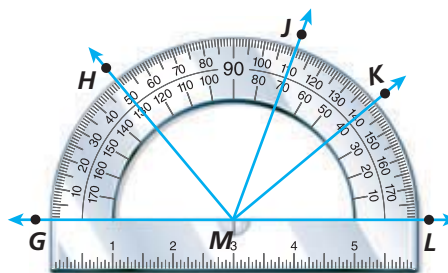
Tell whether the numbered angles are adjacent or vertical.

- $\angle 1$ and $\angle 3$
- $\angle 2$ and $\angle 3$



Use the diagram to tell whether the angles are complementary, supplementary, or neither.

- $\angle GMH$ and $\angle HMJ$
- $\angle HMJ$ and $\angle JMK$
- $\angle LMK$ and $\angle GMK$
- $\angle JMK$ and $\angle KML$

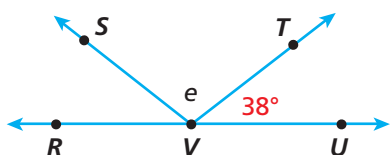


LESSON 9-4

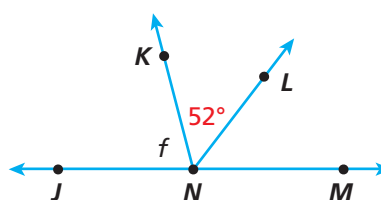
Find each unknown angle measure.

-
-
-
-

- $\angle RVS \cong \angle TVU$; $m\angle RVU = 180^\circ$



- $\angle KNL \cong \angle LNM$; $m\angle JNM = 180^\circ$



Extra Practice ■ Chapter 9

LESSON 9-5

Determine whether each figure is a polygon. Explain your answer.

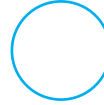
23.



24.



25.



Name each polygon.

26.



27.



28.



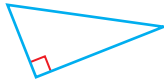
LESSON 9-6

Classify each triangle according to its sides and angles.

29.



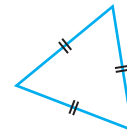
30.



31.



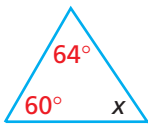
32.



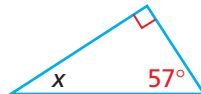
LESSON 9-7

Find the unknown angle measure in each triangle.

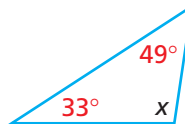
33.



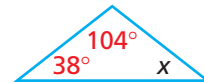
34.



35.



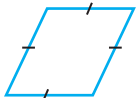
36.



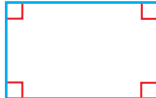
LESSON 9-8

Give all of the names that apply to each quadrilateral. Then give the name that best describes it.

37.



38.



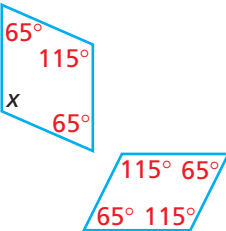
39.



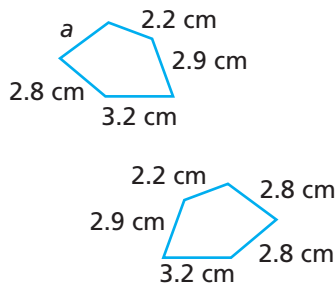
LESSON 9-9

Determine the missing measure(s) in each set of congruent polygons.

40.



41.



42.

