

Name _____

Date 2/6/18

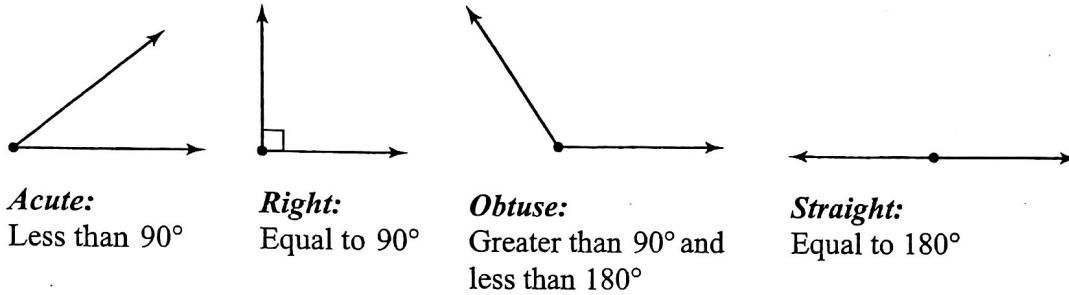
7.1

Adjacent and Vertical Angles

For use with Activity 7.1

Essential Question What can you conclude about the angles formed by two intersecting lines?

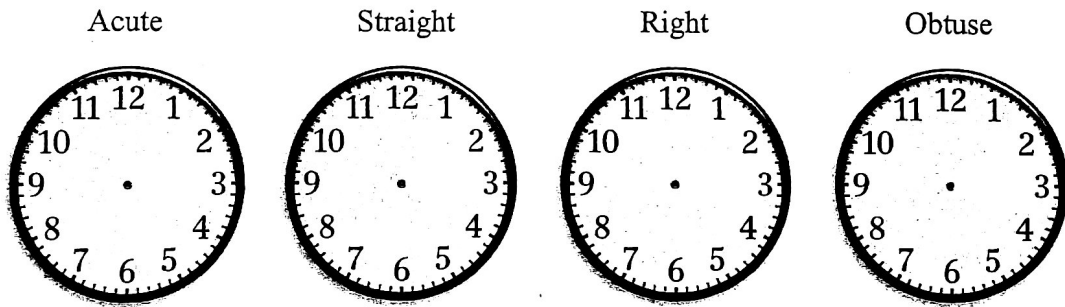
Classification of Angles



1 ACTIVITY: Drawing Angles

Work with a partner.

a. Draw the hands of the clock to represent the given type of angle.



b. What is the measure of the angle formed by the hands of the clock at the given time?

9:00

6:00

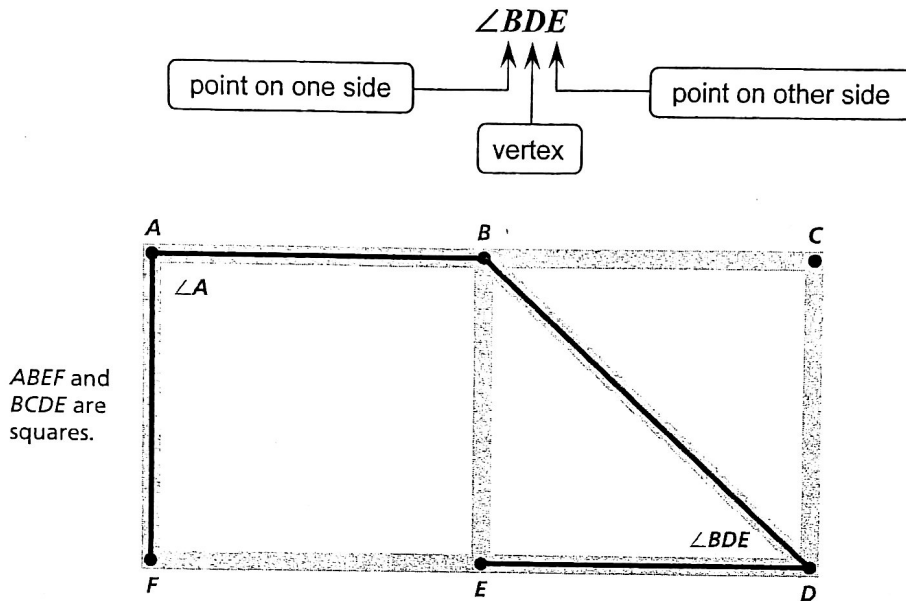
12:00

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7.1 Adjacent and Vertical Angles (continued)

2 ACTIVITY: Naming Angles

Work with a partner. Some angles, such as $\angle A$, can be named by a single letter. When this does not clearly identify an angle, you should use three letters, as shown.



$ABEF$ and $BCDE$ are squares.

- a. Name all of the right angles, acute angles, and obtuse angles.

- b. Which pairs of angles do you think are *adjacent*? Explain.