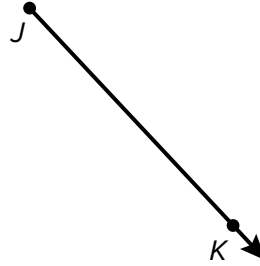


## Unit 14

# Unit Assessment, Form B

Name \_\_\_\_\_

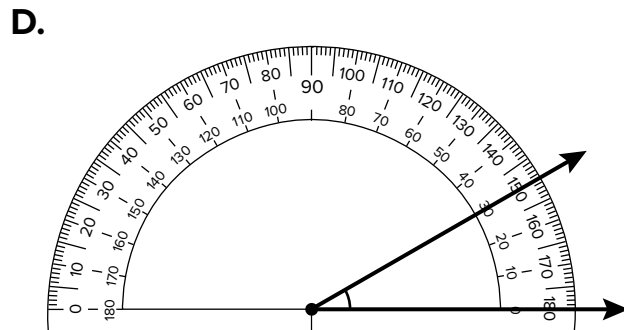
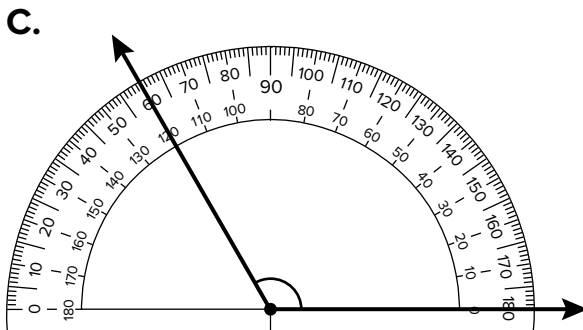
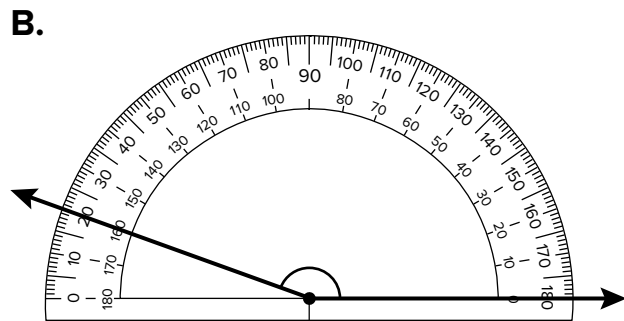
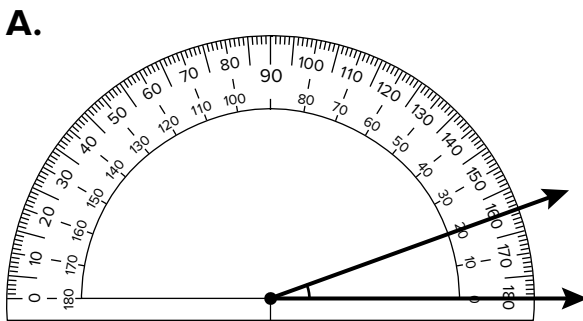
1. How can you name the figure?  
Write the name that best describes it.



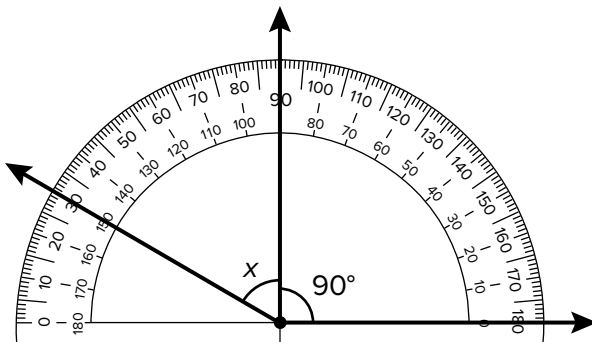
2. Which statements are true about all trapezoids?  
Choose all that apply.
- A. All trapezoids have 4 sides.
  - B. All trapezoids have 2 pairs of parallel sides.
  - C. All trapezoids have 4 sides all the same length.
  - D. All trapezoids have 1 pair of parallel sides.
  - E. All trapezoids have 4 right angles.
3. Perpendicular lines \_\_\_\_\_.
- A. never intersect with each other
  - B. intersect at a right angle
  - C. begin at the same point
  - D. have the same length
4. Helga needs to draw an acute angle. Which angle measures can she use? Choose all that apply.
- A.  $90^\circ$       B.  $27^\circ$       C.  $80^\circ$       D.  $102^\circ$       E.  $61^\circ$

5. Draw a  $154^\circ$  angle using a protractor.

6. Which of these correctly shows a  $20^\circ$  angle?



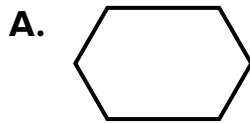
7. What is the measure of the unknown angle?



Unit 14  
Unit Assessment, Form B (continued)

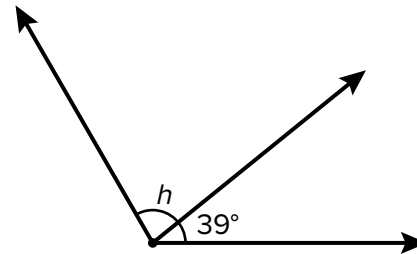
Name .....

8. Which figures have more than one line of symmetry? Choose all that apply.



9a. The total measure of both angles shown is 120 degrees. Which equation can help you solve for the measure of angle  $h$ ?

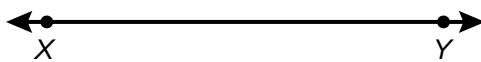
- A.  $h - 39 = 120$
- B.  $39 + h = 120$
- C.  $120 + 39 = h$
- D.  $39 - h = 120$



b. What is the measure of angle  $h$ ?

- A.  $120^\circ$
- B.  $81^\circ$
- C.  $159^\circ$
- D.  $98^\circ$

Use the figure to complete the statements.

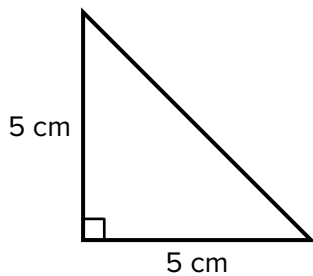


10a. The figure has \_\_\_\_\_ endpoint(s) and continues forever in \_\_\_\_\_ direction(s).

b. The figure is called a \_\_\_\_\_.

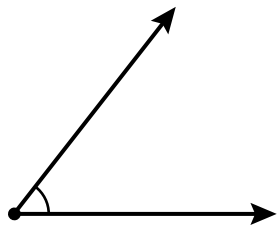
- A. line segment
- B. line
- C. ray

11. Which classify the triangle?

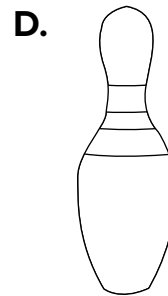
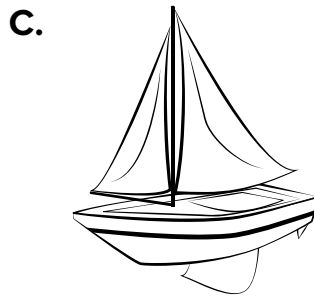
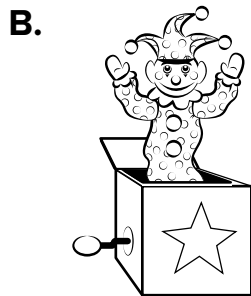


- A. isosceles and right
- B. isosceles and acute
- C. scalene and right
- D. scalene and acute

12. What is the measure of the angle?



13. Which figure has at least one line of symmetry?



14. Draw the lines of symmetry in each figure.

