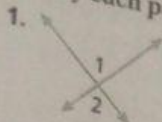


Chapter Test

CHAPTER

8

Classify each pair of angles or lines.



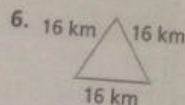
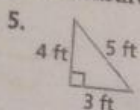
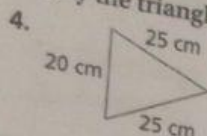
2.



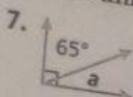
3.



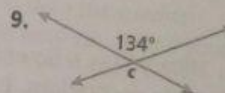
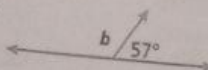
Classify the triangles by angle and side measures.



Find the unknown angle measure.



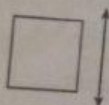
8.



10. Triangle ABC has sides of equal length. The measure of $\angle A$ is 60° , and the measure of $\angle B$ is 60° . What is the measure of $\angle C$? Classify the triangle based on the measures of the angles and lengths of the sides.

Draw each transformation.

11. Reflect across the line.



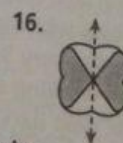
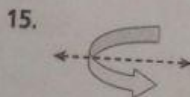
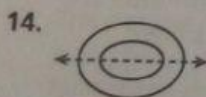
12. Rotate 270° clockwise about the point.



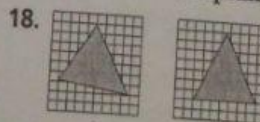
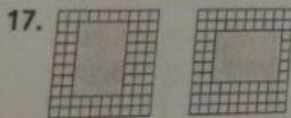
13. Translate $\frac{3}{4}$ in. right.



Determine whether each dashed line appears to be a line of symmetry. Then tell whether the figure has rotational symmetry.



Decide whether the figures in each pair are congruent. If not, explain.



Identify a possible pattern. Use your pattern to draw the next figure.

