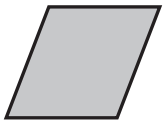
Name _____ Date _____

Chapter Test, Form 2B

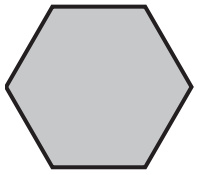
Read each question carefully. Write the letter for your answer on the line provided.

Identify the figures.

1. 

A. hexagon **C.** square
B. rhombus **D.** triangle

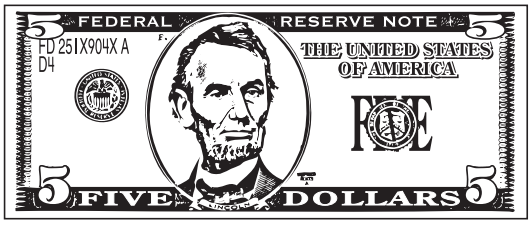
1. **B**

2. 

F. hexagon **H.** square
G. octagon **I.** trapezoid

2. **F**

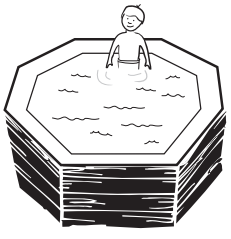
3. Which statement describes the following figure?



A. 4 sides, 3 angles, rectangle
B. 4 sides, 4 acute angles, rectangle
C. 4 sides, 4 right angles, rectangle
D. 4 sides, 4 right angles, square

3. **C**

4. Which statement describes the shape of the pool?



F. 5 sides, 5 angles, pentagon
G. 6 sides, 6 angles, hexagon
H. 8 sides, 8 angles, octagon
I. 10 sides, 10 angles, decagon

4. **H**

5. Which polygon does the following attributes describe?
4 sides, 4 angles, only one pair of opposite sides are parallel

A. square **B.** rectangle **C.** rhombus **D.** trapezoid

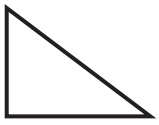
5. **D**

Name _____ Date _____

Chapter Test, Form 2B *(continued)*

Read each question carefully. Write your answer on the line provided.

6. Which figure has 2 angles that are *greater than a right* angle?

F.  **G.**  **H.**  **I.** 

6. **H**

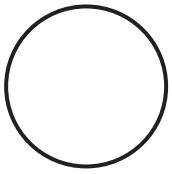
7. Sally drew a rectangle that has two sides that measure 3 inches and 4 inches. What are the measurements of the other two sides?

A. 1 in.; 2 in. **B.** 3 in.; 4 in. **C.** 5 in.; 6 in. **D.** 6 in.; 8 in. 7. **B**

Partition each figure as indicated. Then write the unit fraction of the figure's area that each equal section represents.

Ex 8–9, see students' work.

8. 6 equal areas

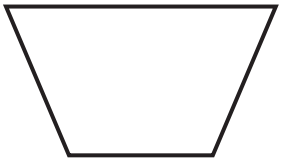


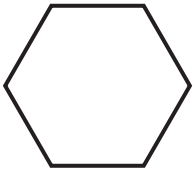
8. $\frac{1}{6}$

9. 4 equal areas

9. $\frac{1}{4}$

Identify the shape. Describe the number of sides and angles.

10. 

11. 

10. trapezoid; 4 sides, 4 angles

11. hexagon; 6 sides, 6 angles

12. Aaron drew a quadrilateral with 4 right angles. The opposite sides were parallel and all sides are equal in length. Which quadrilateral did Aaron draw?

12. square