\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Assignment Unit 7 Day 1

**Guided Practice**

**Find the Perimeter and Area for each of the following shapes.**

17 in

32 in

8 in

12 in

10 in

7.5 in.

1. 2.

P =

A =

P =

A =

****

7 + t

 t

3. 4.

P =

A =

P =

A =

5. A puzzle contains a triangular piece with a base of 3 in and a height of 4 in. A manufacturer wants to make 80 puzzles. Find the amount of wood used if each puzzle contains 20 triangular pieces.

**Practice and Problem Solving**

6.5 m

6. 7.

P =

A =

P =

A =



8. 9.

P =

A =

P =

A =



10. 11.

6 m

15 m

8 m

P =

A =

P =

A =



d1 = 12 cm

d2 = 16 cm

20 cm

20 cm

12. 13.

P =

A =

P =

A =

14. A quilt pattern includes 32 small triangles. Each has a base of 3 in. and a height of 1.5 in. Find the amount of fabric used to make the 32 triangles.

4x in

5x + 3 in

7x - 2 in

15. Which expression represents the Perimeter of the triangle?

A. 9x + 3 in B. 16x + 1 in

C. 11x + 1 in D. 16x + 5 in