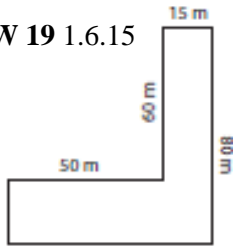


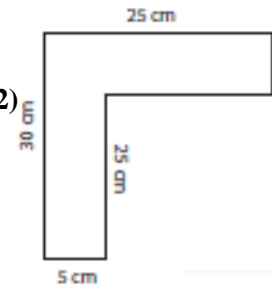
HW 19 1.6.15

1)



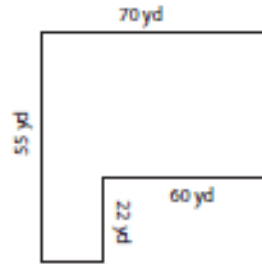
Area: _____
Perimeter: _____

2)



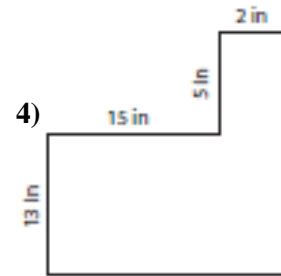
Area: _____
Perimeter: _____

3)



Area: _____
Perimeter: _____

4)



Area: _____
Perimeter: _____

Cross-cancel before multiplying. Then find the product.

5) $\frac{21}{81} \cdot \frac{27}{49}$

6) $\frac{12}{30} \times \frac{35}{18}$

7) $\frac{11}{12} \cdot \frac{4}{33}$

8) $\frac{8}{35} \cdot \frac{28}{56}$

9) $\frac{22}{100} \times \frac{75}{99}$

Evaluate. Remember to simplify all fractions.

10) $\frac{5}{7}$ of 21

11) $\frac{5}{6}$ of 10

12) $\frac{2}{3}$ of 18

13) $\frac{3}{9}$ of 20

14) $\frac{3}{7} + \frac{2}{5}$

15) $\frac{3}{7} \times \frac{2}{5}$

16) $\frac{7}{9} - \frac{1}{6}$

17) $\frac{7}{9} \cdot \frac{1}{6}$

18) $90 \cdot \frac{2}{9}$

19) $\frac{3}{8} \cdot 40$

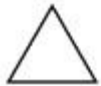


Figure 1



Figure 2



Figure 3

20) Draw Figure 4 of this pattern.

21) Using words, describe what Figures 5 and 6 should look like.

22) Using words, describe how the pattern is changing.

23) How many sides will the 10th figure have?