Extra Practice 4 – Master 4.28

Lesson 4: Exploring Rectangles with Equal Areas

**1. a)**

 ****

**b)**

 ****

 **c)**

 ****

 **d)**

 ****

**2. a)**

 ****

 **b)**

 ****

 **c)**

 

**3.**

 ****

**4.**

 

**5.** Student drawings should show rectangles on grid paper with the following dimensions:

**a)** 1 square unit by 24 square units

 2 square units by 12 square units

 3 square units by 8 square units

 4 square units by 6 square units

**b)** 50 square units

 28 square units

 22 square units

 20 square units

**c)** The rectangle with the greatest perimeter is long and thin.

**d)** The rectangle with the least perimeter is close to a square.

**6. a)** A = 1 cm2, P = 4 cm

 **b)** A = 4 cm2, P = 8 cm

 **c)** A = 9 cm2, P = 12 cm

 **d)** A = 16 cm2, P = 16 cm

 **e)** A = 64 cm2, P = 32 cm

 **f)** A = 100 cm2, P = 40 cm