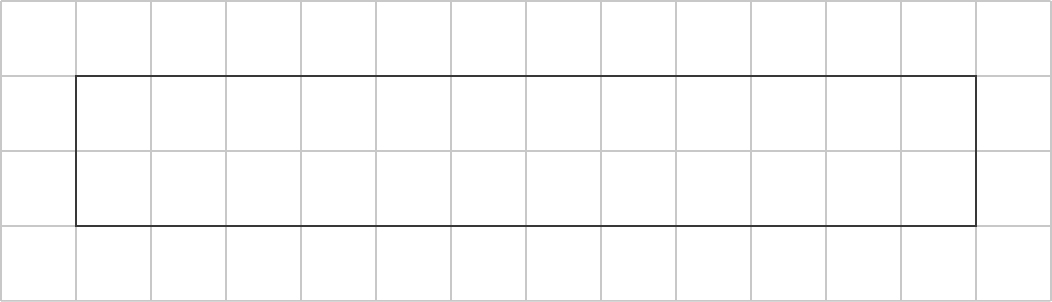
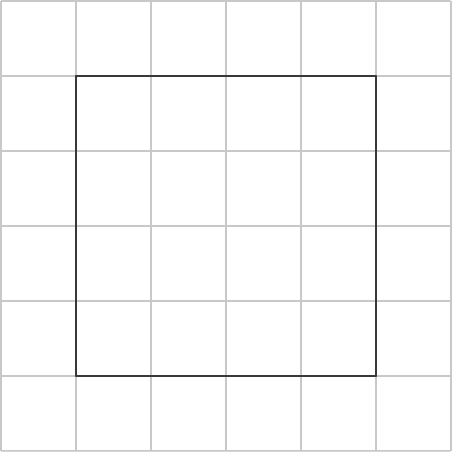
Extra Practice 4 – Master 4.28

Lesson 4: Exploring Rectangles with Equal Areas

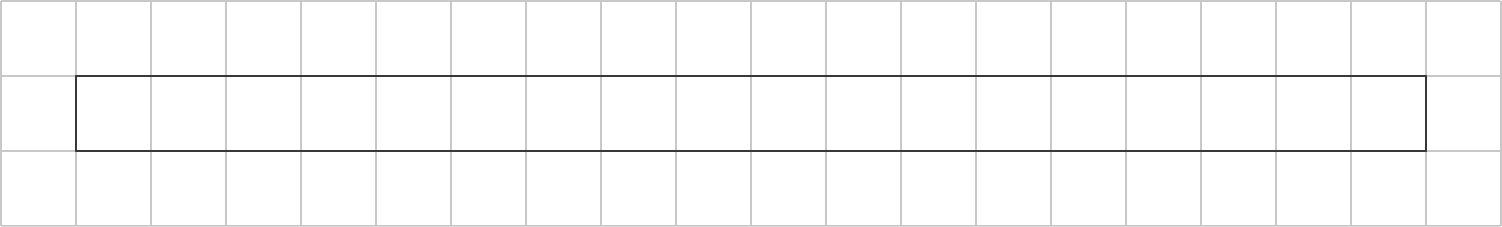
**1. a)**

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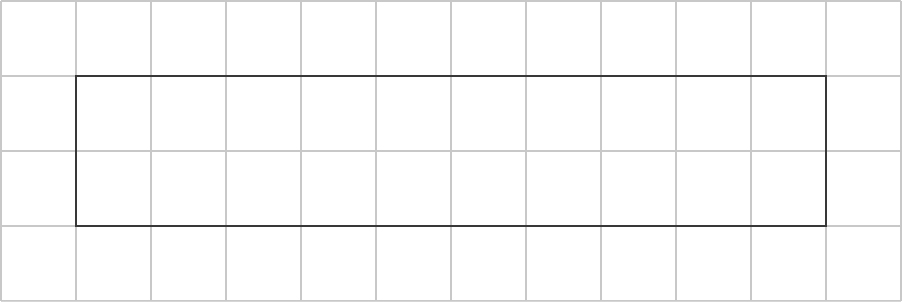
**b)**

****

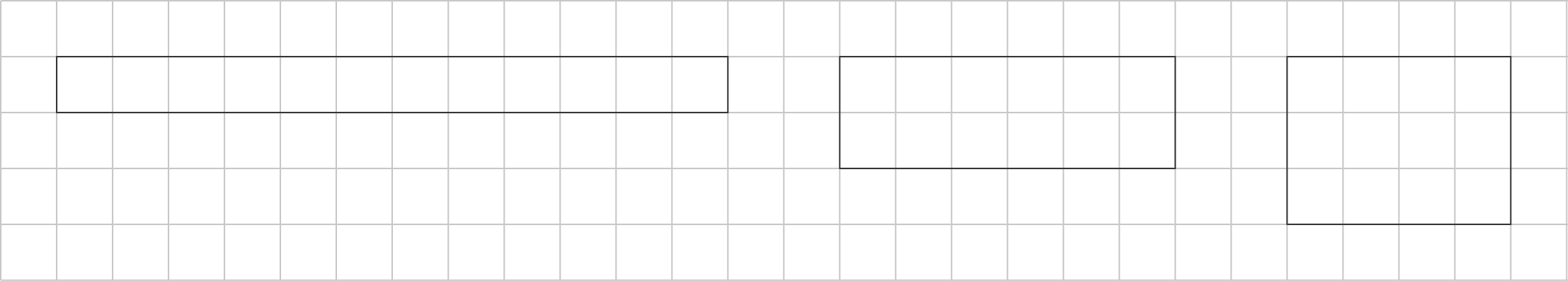
**c)**

****

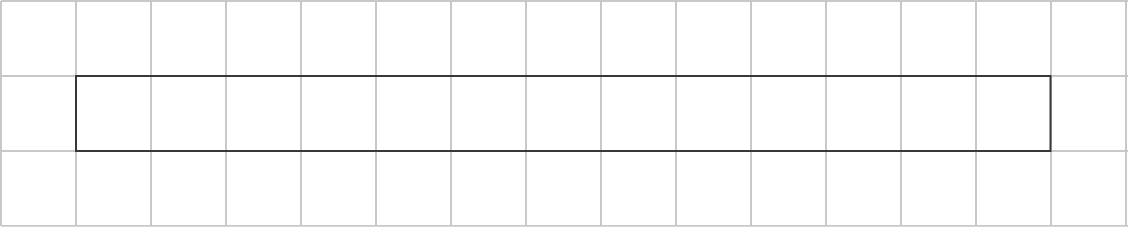
**d)**

****

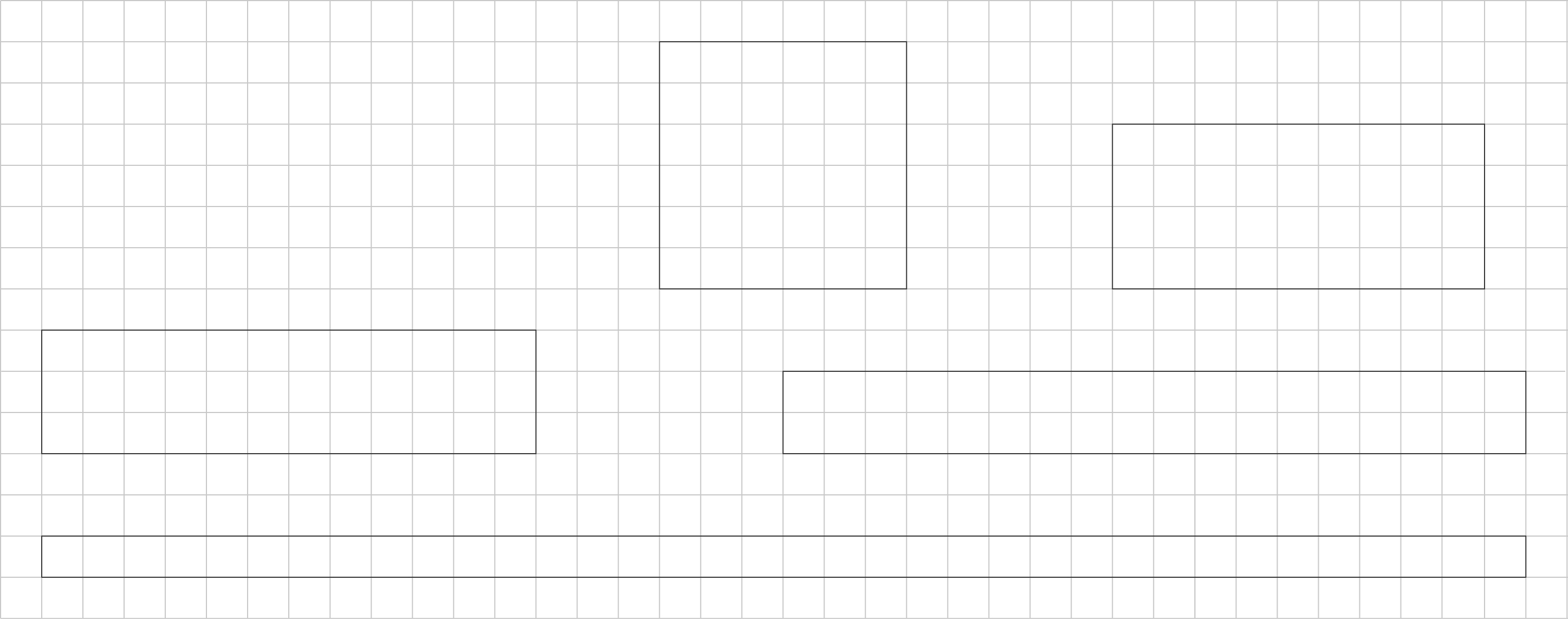
**2. a)**

****

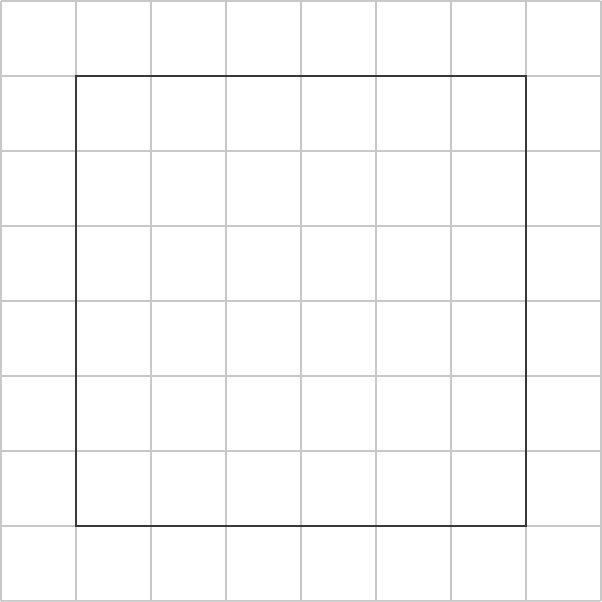
**b)**

****

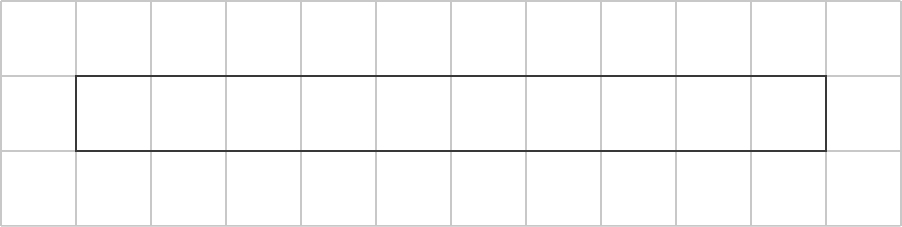
**c)**



**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