Name _____   Date _____

1. Each of the following figures is made up of 2 rectangles. Find the total area of each figure.
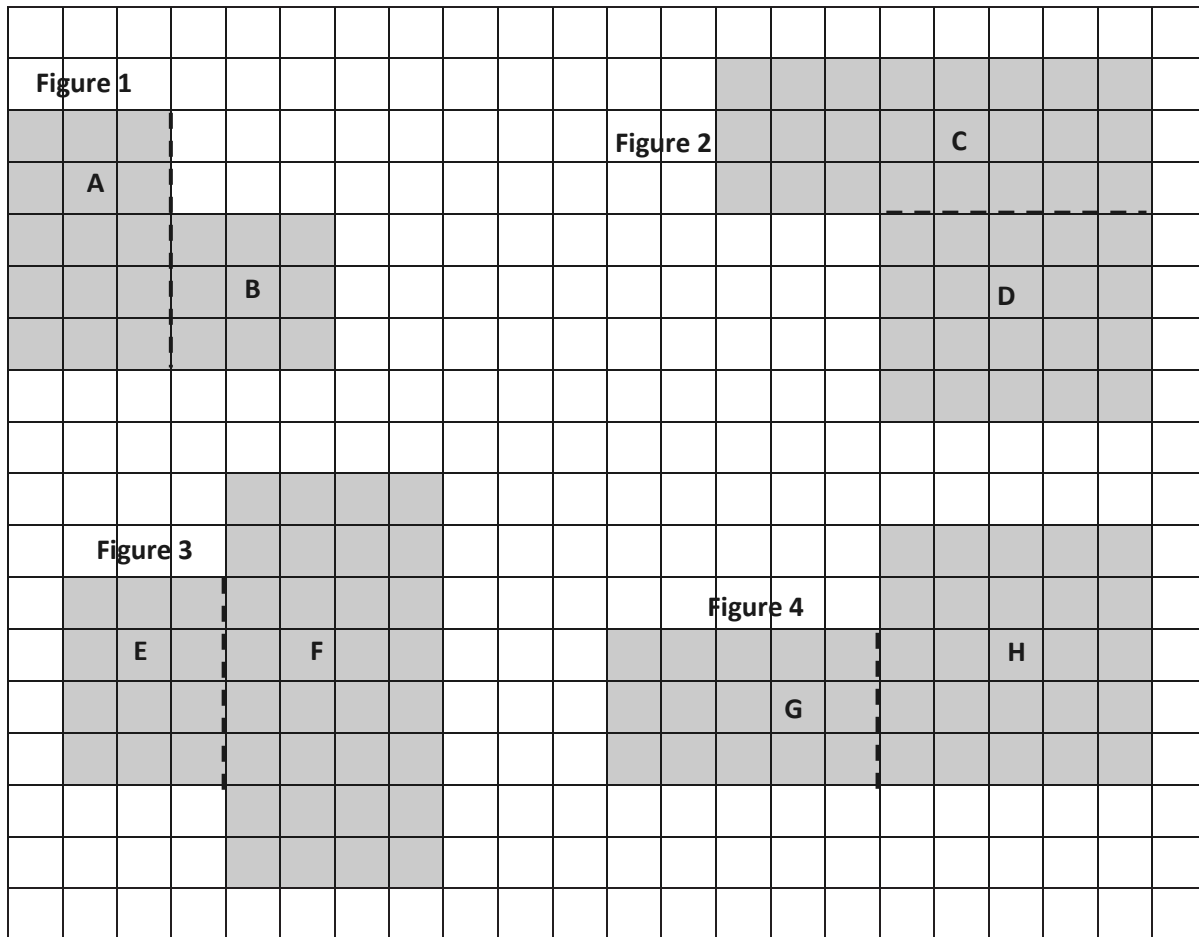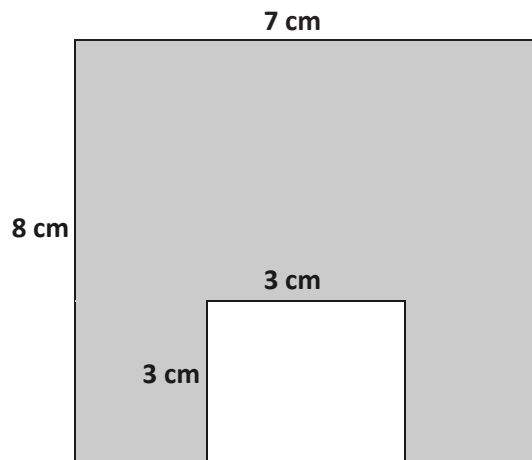
[grid figure with shaded regions labeled Figure 1 (A, B), Figure 2 (C, D), Figure 3 (E, F), Figure 4 (G, H)]

Figure 1: Area of A + Area of B: _____ sq units + _____ sq units = _____ sq units

Figure 2: Area of C + Area of D: _____ sq units + _____ sq units = _____ sq units

Figure 3: Area of E + Area of F: _____ sq units + _____ sq units = _____ sq units

Figure 4: Area of G + Area of H: _____ sq units + _____ sq units = _____ sq units
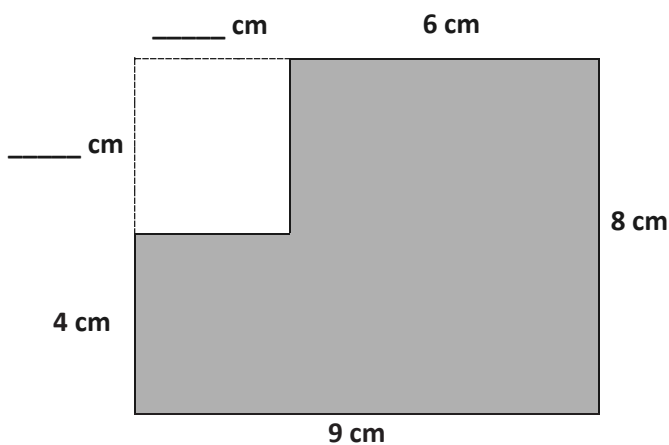
2. The figure shows a small rectangle cut out of a big rectangle. Find the area of the shaded figure.

7 cm

8 cm

3 cm

3 cm

Area of the shaded figure: _____ – _____ = _____

Area of the shaded figure: _____ square centimeters

3. The figure shows a small rectangle cut out of a big rectangle.

_____ cm   **6 cm**

_____ cm

8 cm

4 cm

9 cm

a. Label the unknown measurements.

b. Area of the big rectangle:

  _____ cm × _____ cm = _____ sq cm

c. Area of the small rectangle:

  _____ cm × _____ cm = _____ sq cm

d. Find the area of the shaded figure.

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Lesson 13:   Find areas by decomposing into rectangles or completing composite figures to form rectangles.

59