3.MD.5 #1

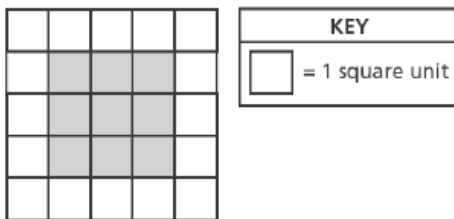
1   Marvin draws a figure on a piece of paper.

Which of these represents the amount of space inside of the figure?

(A) area

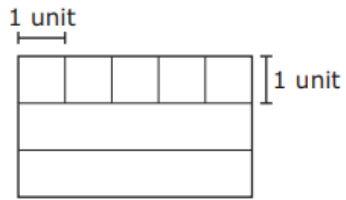(B) width

(C) length

(D) perimeter

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2   Brandon used square tiles to find the area of the shaded part of the picture below.

KEY

☐ = 1 square unit

What is the area of the shaded part of the picture?

(A) 3 square units

(B) 6 square units

(C) 8 square units

(D) 9 square units

**3** A model of a rectangular bulletin board is shown. The top row has been divided into squares of equal size.
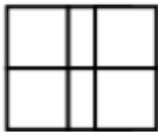
1 unit

1 unit

The rest of the model will also be divided into squares of the same size. What is the area in square units represented by this model?

(A) 8 square units

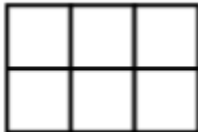(B) 15 square units

(C) 12 square units

(D) 16 square units

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4 Which rectangle has an area of exactly 6 square units?
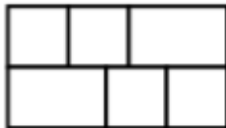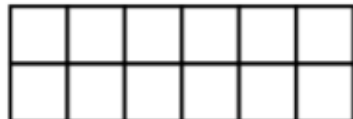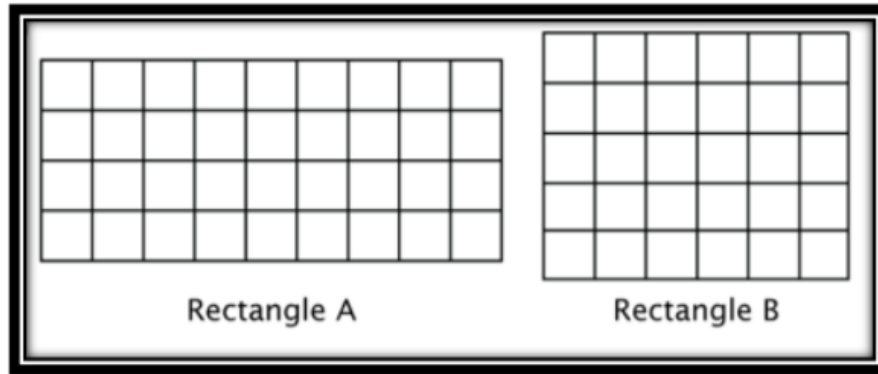
☐ = 1 square unit
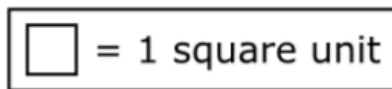
(A)

(B)

(C)

(D)

5

Directions: Use the image below to answer the following question.

Rectangle A   Rectangle B

Martin states that Rectangle B has a greater area than Rectangle A. Is he correct?

(A) Martin is correct because Rectangle A is made up of 30 unit squares and Rectangle B is made up of 36 unit squares.

(B) Martin is incorrect because Rectangle A is made up of 36 unit squares and Rectangle B is made up of 30 unit squares.

(C) Martin is correct because Rectangle A is made up of 24 unit squares and Rectangle B is made up of 30 unit squares.

(D) Martin is incorrect because Rectangle A is made up of 30 unit squares and Rectangle B is made up of 24 unit squares.

6

Find the area of the plane figure.
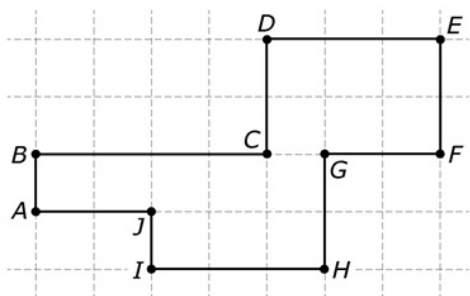
Area = [   ] square units.

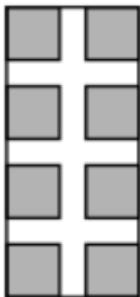**7** Which figure correctly models how square units can be used to find the total area?

(A)

(B)

(C)

(D)