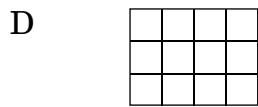
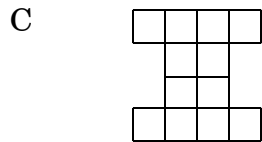
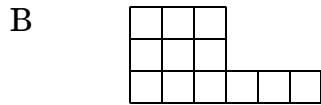
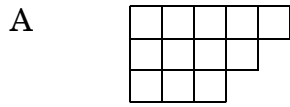
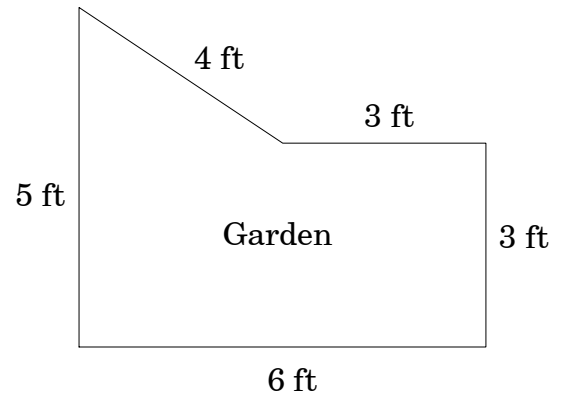


1. If each block is 1 square meter, which of these figures has the **least** amount of distance around it?



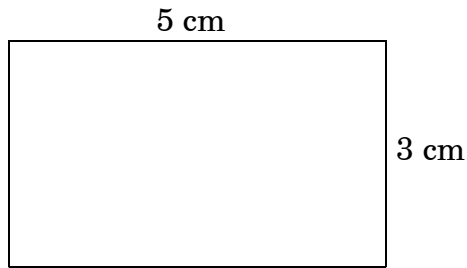
2. Mrs. Banner wants to put a fence around her garden to help keep the rabbits out of her vegetables.



Which number sentence shows how Mrs. Banner can decide the number of feet of fence to buy?

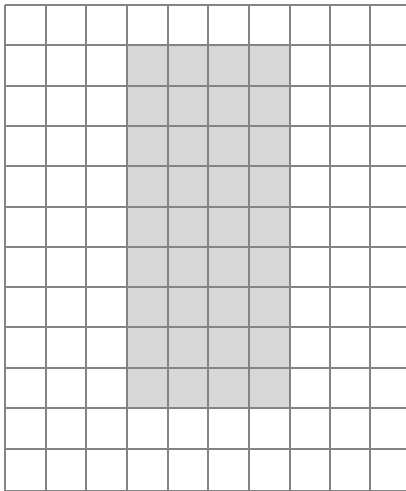
- A (3×6) feet
- B $(5 + 6 + 3 + 4)$ feet
- C $(5 + 6 + 3 + 3 + 4)$ feet
- D (5×6) feet

3. What is the perimeter of this rectangle?



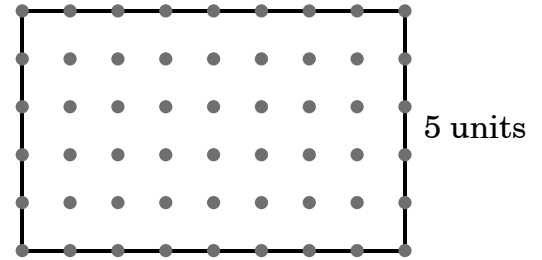
- A 8 cm
- B 15 cm
- C 16 cm
- D 53 cm

4. What is the area of the shaded figure?



- A 5 sq units
- B 13 sq units
- C 26 sq units
- D 36 sq units

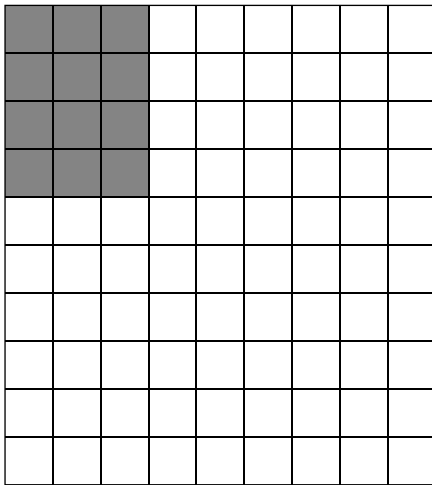
5. The length of one of the sides of the rectangle is 5 units.



What is the perimeter of the rectangle?

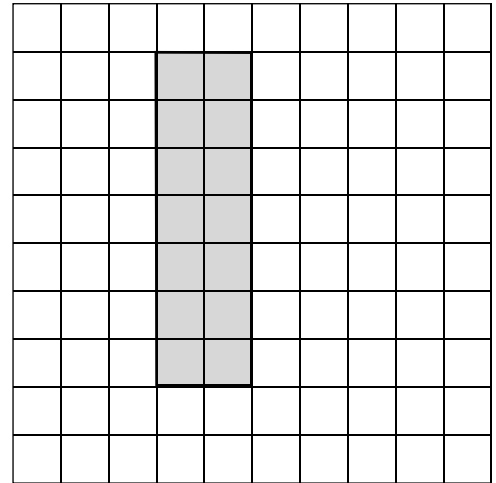
- A 13 units
- B 16 units
- C 26 units
- D 40 units

6. If the length and width of the shaded rectangle were doubled, what would be the area of the new rectangle?



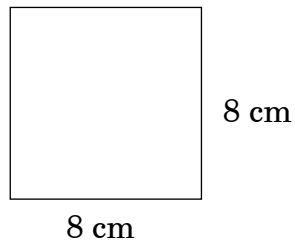
- A 60 square units
- B 48 square units
- C 36 square units
- D 24 square units

7. What is the area of the shaded rectangle?

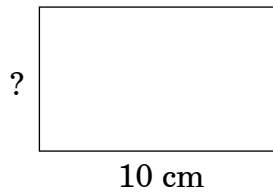


- A 10 square units
 - B 14 square units
 - C 16 square units
 - D 18 square units
8. Quinn walked all the way around the edge of a rectangular field which was 85 feet long. If Quinn walked 296 feet, how wide was the field?
- A 63 feet
 - B 105 feet
 - C 126 feet
 - D 211 feet

9. Each side of this square is 8 cm.



The rectangle below has the same perimeter, but its length is 10 cm.



What is its width?

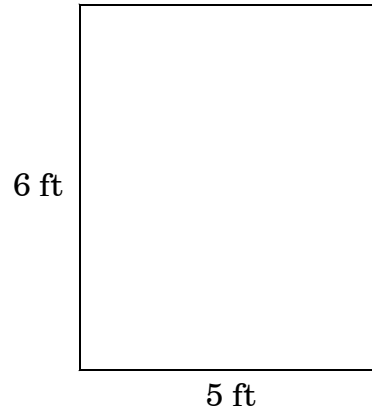
- A 6 cm
- B 11 cm
- C 12 cm
- D 22 cm

10. Which has the *smallest* area?

- A a rectangle 9 inches \times 4 inches
- B a square 12 inches \times 1 foot
- C a rectangle 1 foot \times 3 feet
- D a square 1 yard \times 1 yard

11. Donny wants to put carpet on the floor of his tree house.

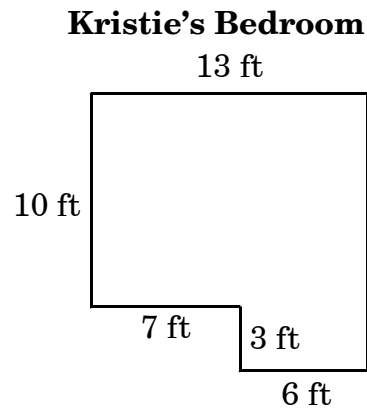
Tree House Floor



He bought 35 sq ft of old carpet at a garage sale. How will Donny figure out if he has enough carpet to cover the floor of his tree house?

- A compare $(5 \text{ ft} + 6 \text{ ft})$ to 35 sq ft
- B compare $(5 \text{ ft} \times 6 \text{ ft})$ to 35 sq ft
- C compare $(5 \text{ ft} + 6 \text{ ft} + 5 \text{ ft} + 6 \text{ ft})$ to 35 sq ft
- D compare $(5 \text{ ft} \times 6 \text{ ft} \times 5 \text{ ft} \times 6 \text{ ft})$ to 35 sq ft

12. Kristie made a drawing of her bedroom.



What is the perimeter of the room?

- A 29 feet
- B 39 feet
- C 52 feet
- D 130 feet

End of Goal 2 Sample Items

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Answers to EOG Grade 4 Math Sample Items

Goal 2

- 1. Objective 2.01**
Develop strategies to determine the area of rectangles and the perimeter of plane figures.
Thinking Skill: Analyzing **Correct Answer:** D
- 2. Objective 2.01**
Develop strategies to determine the area of rectangles and the perimeter of plane figures.
Thinking Skill: Applying **Correct Answer:** C
- 3. Objective 2.01**
Develop strategies to determine the area of rectangles and the perimeter of plane figures.
Thinking Skill: Applying **Correct Answer:** C
- 4. Objective 2.01**
Develop strategies to determine the area of rectangles and the perimeter of plane figures.
Thinking Skill: Applying **Correct Answer:** D
- 5. Objective 2.01**
Develop strategies to determine the area of rectangles and the perimeter of plane figures.
Thinking Skill: Applying **Correct Answer:** C
- 6. Objective 2.01**
Develop strategies to determine the area of rectangles and the perimeter of plane figures.
Thinking Skill: Analyzing **Correct Answer:** B
- 7. Objective 2.01**
Develop strategies to determine the area of rectangles and the perimeter of plane figures.
Thinking Skill: Applying **Correct Answer:** B
- 8. Objective 2.02**
Solve problems involving perimeter of plane figures and areas of rectangles.
Thinking Skill: Analyzing **Correct Answer:** A

9. Objective 2.02

Solve problems involving perimeter of plane figures and areas of rectangles.

Thinking Skill: Integrating **Correct Answer:** A

10. Objective 2.02

Solve problems involving perimeter of plane figures and areas of rectangles.

Thinking Skill: Applying **Correct Answer:** A

11. Objective 2.02

Solve problems involving perimeter of plane figures and areas of rectangles.

Thinking Skill: Analyzing **Correct Answer:** B

12. Objective 2.02

Solve problems involving perimeter of plane figures.

Thinking Skill: Analyzing **Correct Answer:** C