3.MD.8.-Test1B Solve problems involving perimeters of polygons

Multiple Choice
Identify the choice that best completes the statement or answers the question.

1. If a rectangle has two sides that measure 9 cm and two sides that measure 4 cm. What is the perimeter?
   a. 22 cm
   b. 26 cm
   c. 17 cm
   d. 13 cm

2. If a rectangle has two sides that measure 9 cm and two sides that measure 4 cm. What is the perimeter?
   a. 22 cm
   b. 26 cm
   c. 17 cm
   d. 13 cm

3. What is the perimeter of a square that the length of one of it's sides was 54 cm?
   a. 225 cm
   b. 115 cm
   c. 216 cm
   d. 169 cm

4. What is the perimeter of a square that has the length of one of it's sides as 1 inch?
   a. 1 x 1 in
   b. 1 in
   c. 1/4 in
   d. 4 in

5. What is the perimeter of a rectangle with one set of parallel sides 14 cm and the other sides 3 cm?
   a. 20 cm
   b. 34 cm
   c. 31 cm
   d. 17 cm

6. What is the perimeter of a rectangle with two sides measuring 15 in and the other two sides measuring 18 in?
   a. 33 in
   b. 66 in
   c. 48 in
   d. 51 in

7. What is the perimeter of this rectangle?

   a. 8 m
   b. 7 m
   c. 4 m
   d. 5 m

8. What is the perimeter of a rectangle that has two sides 11 in long and two sides 5 in long?
   a. 16 in
   b. 21 in
   c. 32 in
   d. 27 in

Completion

Complete each statement.

9. How many centimeters would the perimeter of a rectangle be if two of the sides were 39 cm and the other two sides were 17 cm?

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10. How many inches would the perimeter of a rectangle be if two of the sides were 14 in and the other two sides were 7 in?

_____

11. The area of a rectangle is 21 sq. units. One side is 7 sq. cm. What is the perimeter of the rectangle? (**Use a number only**.)

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Answer 1: B
Answer 2: B
Answer 3: A
Answer 4: C
Answer 5: D
Answer 6: B
Answer 7: A
Answer 8: C
Answer 9: 112
Answer 10: 42
Answer 11: 20