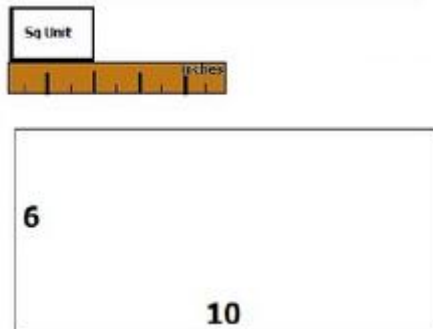## 3.MD.7.B.-Test1B Multiply side lengths to find areas of rectangles

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

1. What is the area of a rectangle with a length of 20 cm and width of 9 cm?
   a. 180 sq cm
   b. 160 sq cm
   c. 11 sq cm
   d. 29 sq cm

2. What is the area of a rectangle that has a length of 13 cm and a width of 8 cm?
   a. 5 sq cm
   b. 94 sq cm
   c. 21 sq cm
   d. 104 sq cm

3. Maria needed some blocks to build a fort for her doll. What is the area of a rectangular fort she built that has a length of 15 in and a width of 5 in?
   a. 50 sq in
   b. 75 sq in
   c. 5 sq in
   d. 15 sq in

4. Eddie had some Legos and he wanted to build a base to set his trophy on. What is the area of the base if it has a length of 12 cm and a width of 4 cm?
   a. 61 sq cm
   b. 15 sq cm
   c. 58 sq cm
   d. 48 sq cm

5. What is the area of a rectangle that has a length of 11 km and a width of 9 km?
   a. 90 sq km
   b. 99 sq km
   c. 2 sq km
   d. 20 sq km

6. Patty was creating a grid for a game. She measured the squares she would put on the game board. The board is 6 in by 10 in. How many square units will she need? Use the diagram to figure it out. Be sure to check out the measurement data in the diagram.



   a. 18
   b. 9
   c. 15
   d. 9

7. What is the area of a rectangle that has a length of 5 km and a width of 2 km?
   a. 7 sq km
   b. 3 sq km
   c. 10 sq km
   d. 10 sq km

8. What is the area of a rectangle that has a length of 7 m and a width of 6 m?
   a. 13 sq m
   b. 42 sq m
   c. 1 sq m
   d. 43 sq m

9. What is the area of a rectangle that has a length of 16 in and a width of 6 in?
   a. 10 sq in
   b. 66 sq in
   c. 22 sq in
   d. 96 sq in

10. What is the area of a rectangle that has a length of 6 cm and a width of 9 cm?
    a. 54 sq cm
    b. 3 sq cm
    c. 53 sq cm
    d. 15 sq cm

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