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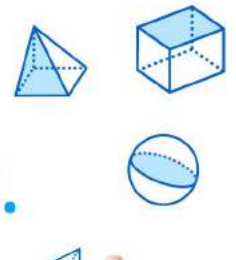

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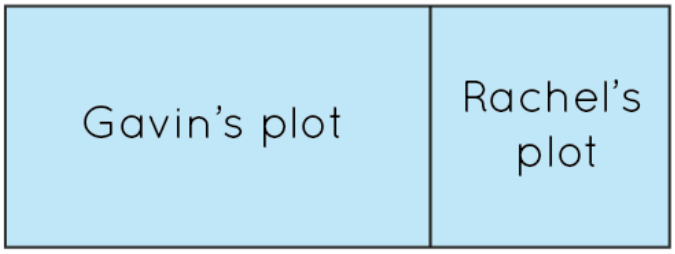
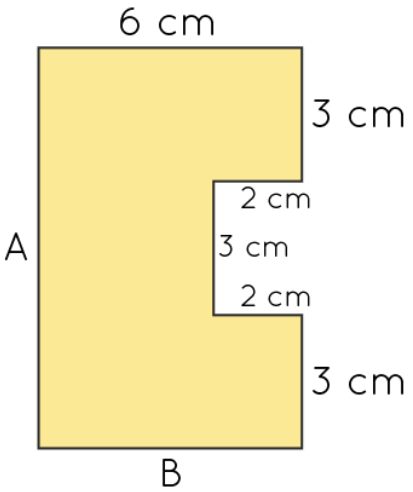
Area and Perimeter Worksheet 3

1) A rectangular piece of cloth is 44 units long and 25 units wide. Find the length of the string of beads that needs to be stitched along the boundary of the cloth for decoration.

2) Gavin's and Rachel's plots are shown below. The perimeter of Gavin's rectangular plot is 600 yards and Rachel's square plot is 400 yards. If Gavin buys Rachel's plot, what is the new perimeter of his land in km?



3) Find the lengths of A and B in the given figure.



4) Which of the following has a smaller perimeter?

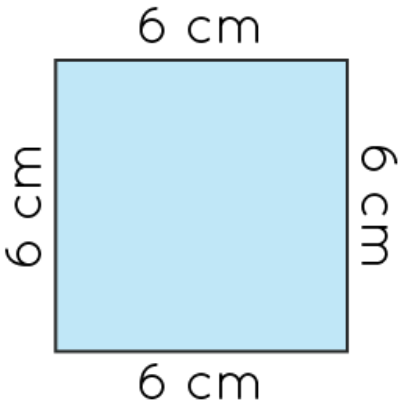


Figure1

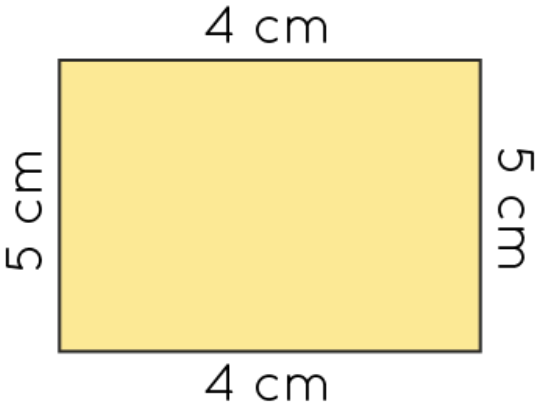
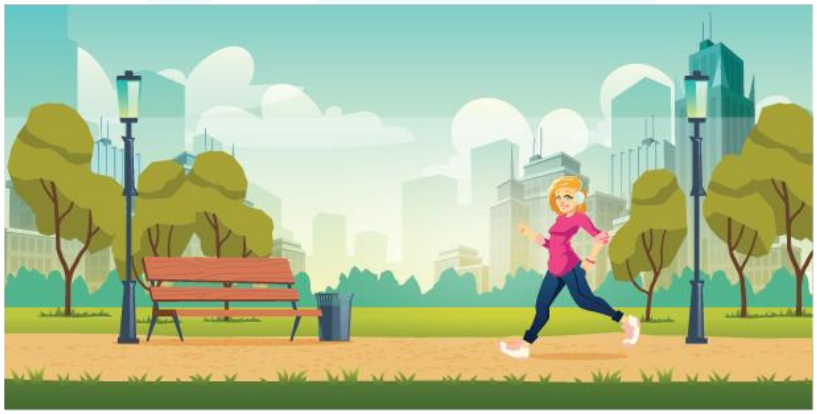
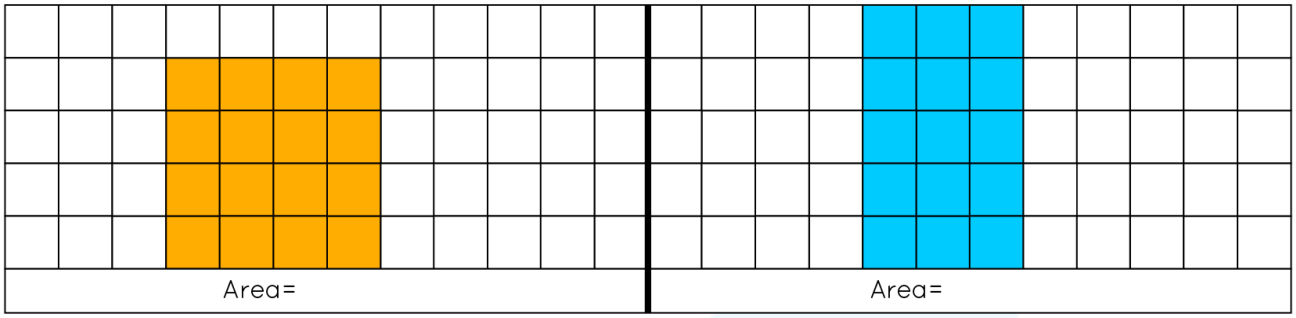


Figure 2

5) A rectangular garden has a perimeter of 280 feet. The north side of the garden is 90 feet. What is the length of the east side of the garden?

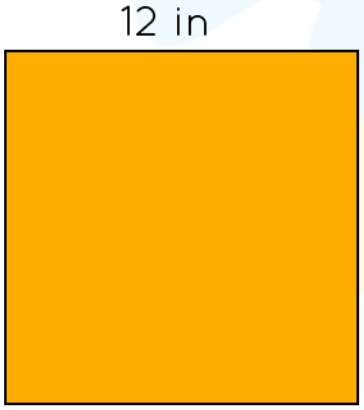


6) If each square represents 1 square unit, compare the two areas as shown in the figure and fill in the blank with >, < or =



Area of the square _____ Area of the rectangle

7) The area of the given square is _____

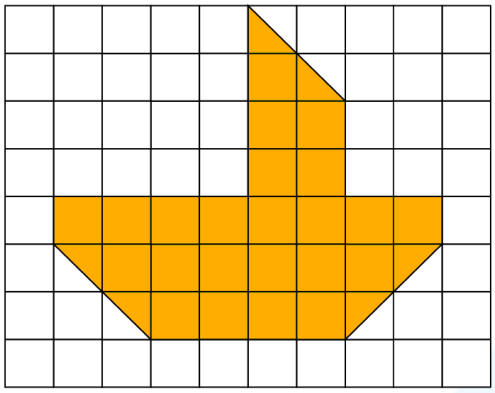


8) A rectangle with dimensions 4 units and 6 units has an area of 24 square units. State true or false.

9) A square with a dimension of 3m 10cm has a greater area than a rectangle with length 5m and breadth 2m.

a) Yes b) No

10) If each square represents 1 square unit, find the area of the figure by counting squares.



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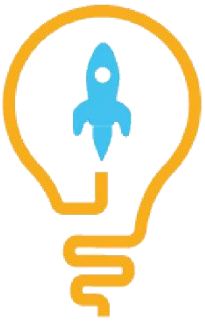

ANSWERS

1. 138 units	6. >
2. 800 yards	7. 144 sq inches
3. A = 9cm, B = 6cm	8. True
4. Figure 2	9. b)
5. 50 feet	10. 26 sq units

FUN FACT

1. Rectangles are also refereed as elongated squares.
2. Two rectangles with same perimeter may have different areas.
3. Perimeter of a square and a rhombus can be calculated using same formula, 4 x side.