

Area and Perimeter

Name: _____

Date: _____

Solve the problems.

- 1) Evan built a rectangular tool shed that is 17 meters wide and has an area of 204 square meters. What is the length of Evan's tool shed?

- 2) A rectangle has a width of 15cm. The rectangle's length is 3 times its width. What is the perimeter of the rectangle?

- 3) Sophia wants to paint a wall in her family room. Her family room wall is a 10 ft by 14 ft. What is the area of the wall that she needs to paint?

- 4) If breadth of a rectangle is 13cm and perimeter is 56cm, find the length of the rectangle?

- 5) The perimeter of a rectangular field is 90 ft and its width is 30 ft. find the area of the field.

- 6) The area of a square field is 49 ft. find its perimeter.

- 7) Find the perimeter of a square whose area is 400 cm^2 .

- 8) David found a place to make their camp near a hill station which was about 126ft from the hill station. How far was the hill station in inches? (**Hint:** 7in=1ft)

- 9) Emily had brought some fabric to make a dress. She cut a piece that was 5 meters wide and had an area of 20 m^2 . How long was the piece?

- 10) The perimeter of a rectangular playground is 52 m. If the length of the park is 8 m, what is the width of the park?

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Name: _____

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Solve the problems.

- 1) Evan built a rectangular tool shed that is 17 meters wide and has an area of 204 square meters. What is the length of Evan's tool shed?

12 meters

- 2) A rectangle has a width of 15cm. The rectangle's length is 3 times its width. What is the perimeter of the rectangle?

120 cm

- 3) Sophia wants to paint a wall in her family room. Her family room wall is a 10 ft by 14 ft. What is the area of the wall that she needs to paint?

140 ft²

- 4) If breadth of a rectangle is 13cm and perimeter is 56cm, find the length of the rectangle?

15 cm

- 5) The perimeter of a rectangular field is 90 ft and its width is 30 ft. find the area of the field.

450 ft²

- 6) The area of a square field is 49 ft. find its perimeter.

28 ft

- 7) Find the perimeter of a square whose area is 400 cm².

80 cm

- 8) David found a place to make their camp near a hill station which was about 126ft from the hill station. How far was the hill station in inches? (**Hint:** 7in=1ft)

882 in

- 9) Emily had brought some fabric to make a dress. She cut a piece that was 5 meters wide and had an area of 20 m². How long was the piece?

4 m

- 10) The perimeter of a rectangular playground is 52 m. If the length of the park is 8 m, what is the width of the park?

18 m