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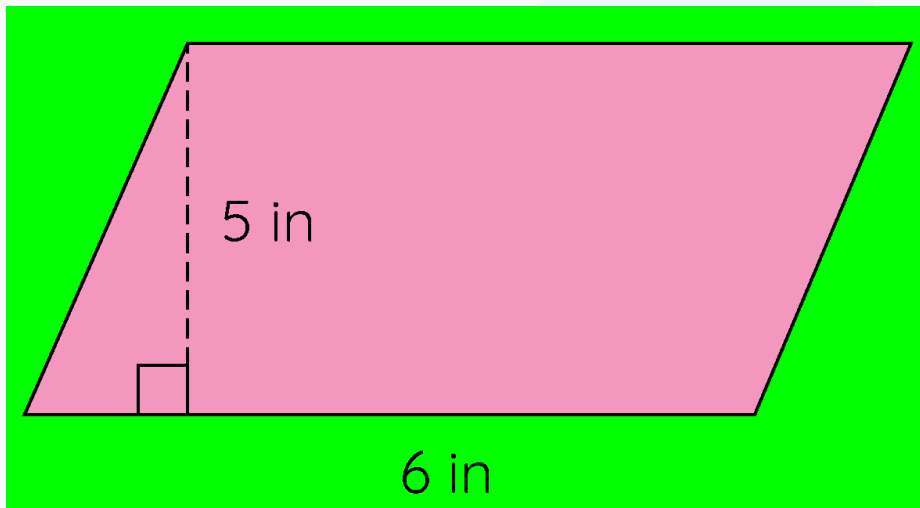
Area of Parallelograms Worksheet

Questions

Q.1 The formula $\text{base} \times \text{height}$ is used_____

- a. To get the perimeter of a triangle
- b. To get the area of a circle
- c. To get the area of a parallelogram
- d. To get the perimeter of a square

Q.2 Find the area of a given parallelogram.



Q.3 The perimeter of a rhombus is 40 in. and the height is 8 in.
The area of a rhombus is.

- a. 42 sq. in
- b. 48 sq. in
- c. 80 sq. in
- d. 58 sq. in

Q.4 Find the area of a parallelogram of given dimensions:
base = 11units, height = 15 in.

Q.5 If the lengths of two adjacent sides of a parallelogram are 16 m and 9m, and the smaller height is 7 m. Find the area of a parallelogram.

Q.6 What is the area of a parallelogram with 18 inches of base and 16 inches of altitude?

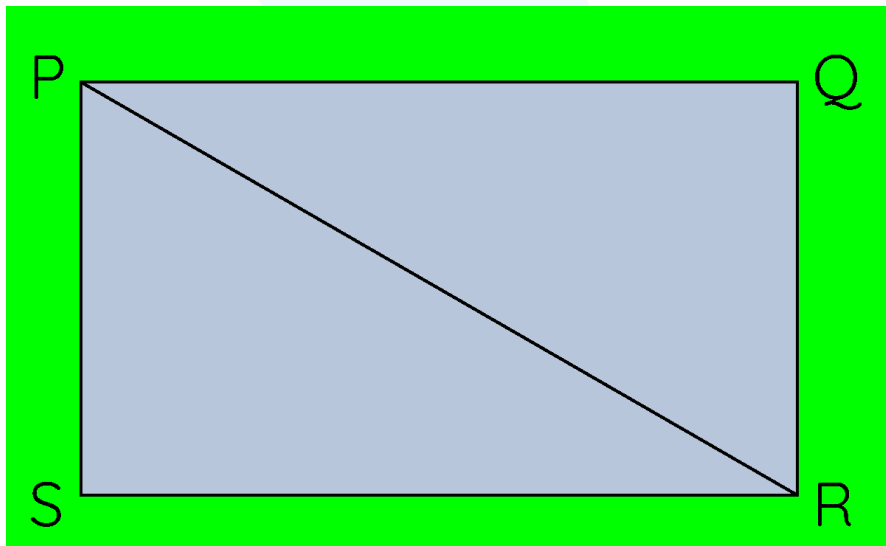
Q.7 Base of a parallelogram is 8 inch and its area is 40 sq inch. What is the height of the parallelogram?

Q.8 Two sides of a parallelogram are 10 units and 14 units respectively. The angle between them is 90 degrees. Find its area.

- a) 120 sq units
- b) 140 sq units
- c) 160 sq units
- d) 180 sq units

Q.9 A regular parallelogram ABCD having sides $AB = 20$ inch and side $BC = 15$ inch. The angle between the two sides is 30 degrees. Find the area of parallelogram ABCD

Q.10 In a regular parallelogram PQRS, $PQ = 15$ inches, and the height of the parallelogram is 12 inches. Find the area of the triangle PQR.



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- Barbara Cabrera

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ANSWERS

(1)	C. To get the area of a parallelogram
(2)	30 sq. in
(3)	c. 80 sq. in
(4)	165 sq. in
(5)	112 sq. m
(6)	288 sqin
(7)	5 in
(8)	b. 140 sq units
(9)	150 sq in
(10)	90 sq in