

Multiple Choice Questions?



Choose the correct answer from the given ones :

- 1 If the area of a rhombus is 100 square units, what is the product of the lengths of its diagonals?

(a) 25 (b) 50
(c) 100 (d) 200

- 2 A rhombus has an area of 20 square feet and the length of one of its diagonals is 5 feet. What is the length of the other diagonal?

(a) 8 feet (b) 4 feet
(c) 10 feet (d) 15 feet

- 3 The area of a square with a side length of 6 cm the area of a square with a diagonal length of 8 cm.

(a) < (b) >
(c) =

- 4 If the area of a square is 450 square units, what is the length of its diagonal in length units?

(a) 15 (b) 30
(c) 45 (d) 90

- 5 A trapezium has the sum of the lengths of its two parallel bases equal to 16 cm, and its height is 5 cm. What is its area in square centimeters?

(a) 20 (b) 40 (c) 80 (d) 160

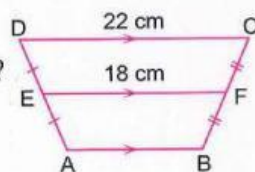
- 6 A trapezium the lengths of its two parallel bases are 15 cm and 11 cm. What is the length of its middle base?

(a) 26 cm (b) 15 cm
(c) 13 cm (d) 11 cm

- 7 In the opposite figure:

What is the length of AB in centimeters?

(a) 14 (b) 20
(c) 26 (d) 28



- 8 A trapezium has an area of 450 square inches and the lengths of its two parallel bases are 24 inches and 12 inches. What is its height?

(a) 12.5 inches (b) 25 inches
(c) 36 inches (d) 52 inches

- 9 A trapezium has one of its parallel bases of length 15 cm and an area of 108 square centimeters. If its a height of length 8 cm, what is the length of the other base?

(a) 15 cm (b) 4 cm
(c) 12 cm (d) 27 cm

- 10 A trapezium with a middle base length of X cm and a height is equal to half the length of its middle base. What is its area in square centimeters?

(a) X^2 (b) $\frac{X^2}{2}$
(c) $\frac{X^2}{4}$ (d) $\frac{X^2}{8}$