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Area and Perimeter worksheets grade 6

Questions

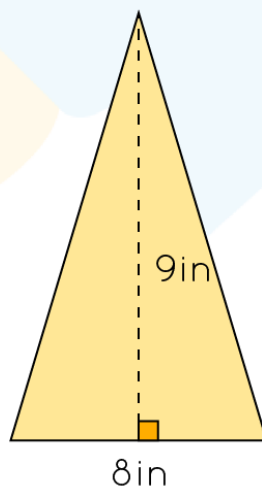
Q1. The given side length of a square is 7 units. Find the area of the square.

Q2. If its length and width of a rectangle are 6 units and 8 units. Find the perimeter of the rectangle.

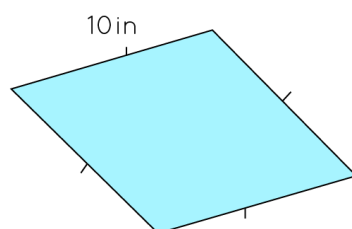
Q3. The base and height of a parallelogram are 10 meters and 12 meters respectively. Determine the area of the parallelogram?

Q4. What is the formula for the perimeter of a square?

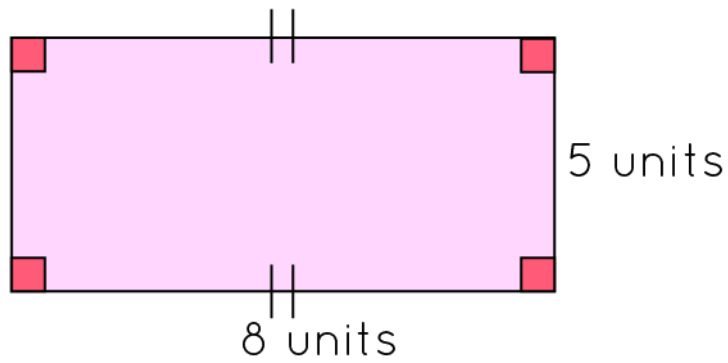
Q5. Find the area of the following triangle.



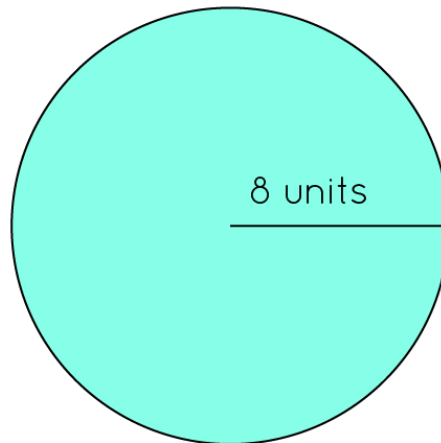
Q6. Find the perimeter of the following quadrilateral.



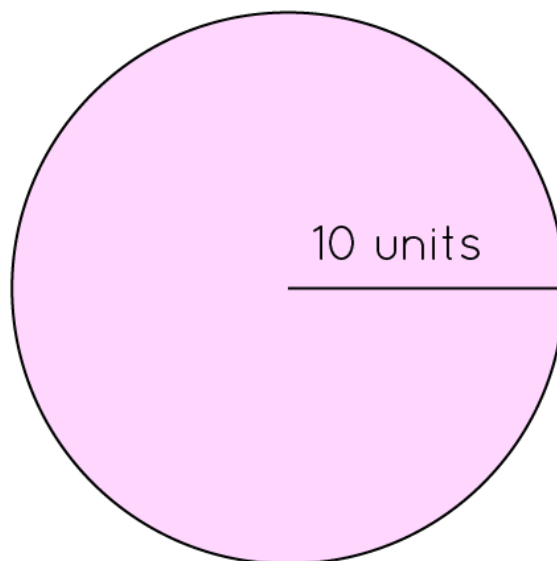
Q7. Find the area of the following quadrilateral.



Q8. Find the area of the following circle.

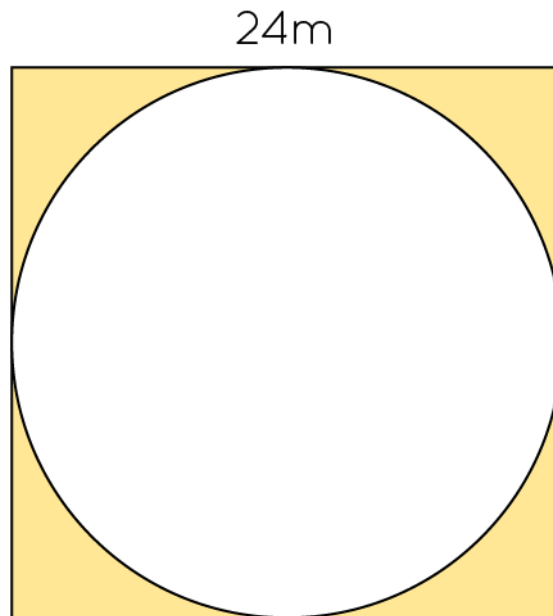


Q9. Find the perimeter of the following circle.

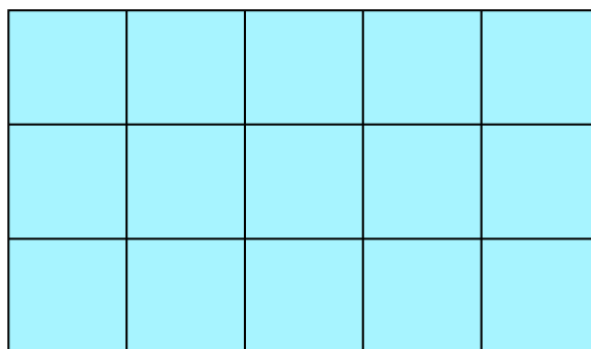


Q10. Find the area of a pentagon. If pentagon has an apothem length of 30 m and a side of 50 m.

Q11. find the area of the shaded region. If the radius of the circle is 12mm and the side of a square is 24mm?



Q12. Find the area of the square blocks. If the side of a single square is 2mm.



Q13. Find the area of the parallelogram. If its base is 9 units and the height is 12 units.

Q14. A rectangular garden is 15 yards long and 9 yards wide. A uniform path of width 2 yards is laid around the garden. Find the area of the path?

Q15. Determine is the half area of the rhombus. If the diagonals of a rhombus measure 10 inches and 22 inches.



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"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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ANSWERS

1. 49 unit square.	2. 28 units.	3. 120 sq. yards	4. $4 \times \textit{side}$ ■	5. 45 sq. inches
6. 44 inches.	7. 270 sq. units	8. 153.86 Unit Square.	9. 69.08 units.	10. 3750-meter square.
11. 314-meter square.	12. 52 mm square.	13. 228 sq. units	14. 105 Sq. yards.	15. 110sq. inches