Revision of perimeter

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A. Choose the correct answer:	
1. The perimeter of a square is calculated by the formu	la
a) side × side b) 2 × (length + bre	eadth)
c) 4 × side d) side + side	
2. The perimeter of a rectangle with length 12 cm and k	preadth 5
a) 17 cm b) 24 cm	
c) 34 cm d) 20 cm	
3. A triangle has sides 6 cm, 7 cm, and 5 cm. Its perimet	ter is
a) 18 cm b) 20 cm	
c) 16 cm d) 19 cm	
4. Perimeter of a regular hexagon with side 4 cm is	
a) 16 cm b) 20 cm	
c) 24 cm d) 18 cm	
5. The perimeter of a circle is also called	
a) radius b) arc	
c) chord d) circumference	
B. Write the Missing Terms to Complete the Sentence	s:
1. Perimeter is the of all sides of a closed fig	gure.
2. The perimeter of a square with side 9 cm is	·
3. The perimeter of a rectangle is given by	
4. The unit of perimeter is expressed in unit	ts.
5. A figure with all equal sides is called a po	lygon.
C. Mark each sentence with a True (\checkmark) or False (X):	
1. Perimeter measures the total distance around a shape	2
2. The perimeter of a square is side × side.	
3 A circle has no perimeter	

- 4. The perimeter of a triangle is the sum of its three sides.____
- 5. All polygons have perimeters.

D. Figure out the answers to these questions:

- 1. A rectangular garden is 15 m long and 10 m wide. Find its perimeter.
- 2. A triangle has sides 8 cm, 6 cm, and 10 cm. Find its perimeter and explain the steps.
- 3. A square park has a perimeter of 64 m. Find the length of its side.
- 4. A hexagon has a side length of 7 cm. Find its perimeter.
- 5. Two rectangles have the same perimeter. One has length 14 cm and breadth 6 cm. Find the dimensions of another possible rectangle with the same perimeter.

E. Challenge yourself with these questions:

- 1. Find the perimeter of a regular pentagon with each side $\frac{5}{2}$ cm.
- 2. A square tile has a perimeter of 36 cm. How many such tiles are needed to surround a rectangular path of 180 cm?
- 3. Draw a polygon and calculate its perimeter if all sides are different.
- 4. Create a word problem involving perimeter of a garden and solve it.
- 5. If the perimeter of a rectangle is 40 cm and length is 12 cm, find its breadth.