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POLYGONS WORKSHEET I

- 1) If the lengths of sides of a rectangular shaped playground are 50 in, 80 in, 50 in, and 80 in, then what is the perimeter of the ground?
 - a. 250m
 - b. 260 m
 - c. 255 m
 - d. 240 m

- 2) Which of the following figure will have the larger perimeter?

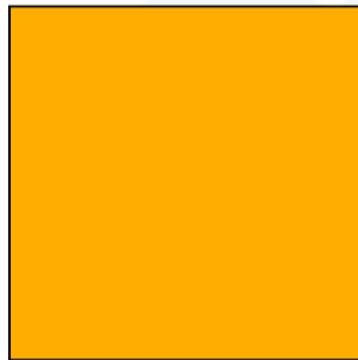


figure 1

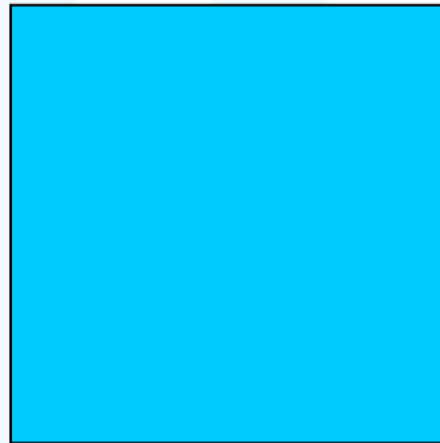


figure 2

- 3) Which of the following is not a polygon?
 - a) Triangle b) Rectangle c) Pentagon d) Circle

- 4) Fill in the blanks:

Length	Breadth	Perimeter
10	10	
20	40	
9		36

5) A triangle has an area of 120 m^2 and the height of the triangle is 10 m , how much is the half of the base of the triangle?

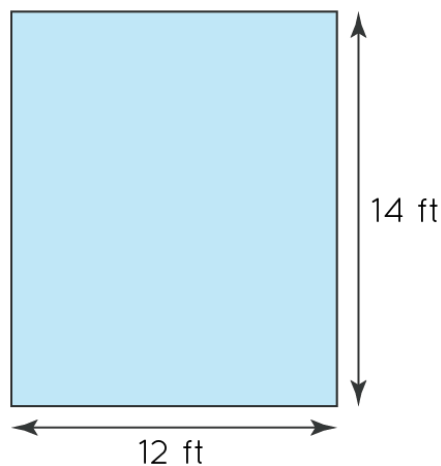
6) Fill in the blanks.

The perimeter of an equilateral triangle with each side 5 units long is ____.

7) Damian was practicing on a hexagonal ring. Find the perimeter of the ring if the length of the ring is 20 yards.

8) What will be the perimeter of a pentagonal shaped chocolate box of length 50 in.?

9) The area of the given figure is _____ ft.



10) A heptagonal shaped coin has an edge length 1.2 mm . Find the perimeter of the coin.

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**ANSWERS**

1)	b
2)	Figure 2
3)	d)
4)	40 120 9
5)	24 m
6)	15 unit
7)	120 yards
8)	250 in.
9)	168 sq. ft.
10)	8.4 mm

FUN FACT

1. Perimeter of a circle is referred to as its Circumference.
2. The length and width of a rectangle are called its dimensions.
3. Area is measured in square units.

