

## Geometry: Perimeter and Circumference Word Problems—Practice

1. Find the perimeter of a triangle with sides 3 ft. 5 in., 4 ft. 8 in., and 6 ft. 9 in.
2. Find the perimeter of a triangle with sides 4 ft. 1 in., 5 ft. 4 in., and 8 ft. 10 in.
3. Find the perimeter of a triangle in which each side is 18 cm.
4. Find the perimeter of a triangle with sides 21.3 cm., 17.4 cm., and 14.8 cm.
5. Find the circumference of a circle with a radius of 6 cm. Use 3.14 for  $\pi$ .
6. Find the circumference of a circle with a diameter of 28 in. Use  $\frac{22}{7}$  for  $\pi$ .
7. Find the perimeter of a square in which the sides are equal to 15 m.
8. Find the perimeter of a triangle in which each side is  $4\frac{1}{3}$  ft.
9. Find the perimeter of a rectangle with a width of 5 ft. and a length of  $8\frac{1}{2}$  ft.
10. Find the perimeter of a rectangle with a length of 3 m. and a width of 0.75 m.
11. Find the perimeter of a square in which the sides are equal to  $8\frac{1}{4}$  ft.
12. Find the perimeter of a triangle with sides  $10\frac{1}{2}$  ft.,  $15\frac{1}{4}$  ft., and  $12\frac{3}{4}$  ft.
13. Find the circumference of a circle with a radius of 15 cm. Use 3.14 for  $\pi$ .
14. Find the circumference of a circle with a diameter of 35 ft. Use  $\frac{22}{7}$  for  $\pi$ .
15. Find the perimeter of a triangle in which each side is 9 ft.
16. Find the perimeter of a square in which the sides are equal to 15.5 m.
17. Find the perimeter of a rectangle with a length of 5 m. and a width of 1.4 m.
18. Find the perimeter of a triangle with sides 3 ft. 8 in., 5 ft. 6 in., and 6 ft. 9 in.
19. Find the perimeter of a five-sided figure with sides of 19 cm., 36cm., 25 cm., 39 cm., and 20 cm.
20. Find the perimeter of a six-sided figure with sides of 15 ft., 32ft., 21 ft., 34 ft., 17 ft., and 26 ft.

## Answer Key

### Geometry: Perimeter and Circumference Word Problems - Practice

1. 14 ft. 10 in.
2. 18 ft. 3 in.
3. 54 cm.
4. 53.5 cm.
5. 37.68 cm.
6. 88 in.
7. 60 m.
8. 13 ft
9. 27 ft.
10. 7.5 m.
11. 33 ft.
12.  $38\frac{1}{2} ft$
13. 94.2 cm
14. 110 ft.
15. 27 ft
16. 62 m.
17. 12.8 m.
18. 15 ft. 11 in.
19. 139 cm
20. 145 ft