

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 π .
6. Find the circumference of a circle with a diameter of 28 in. Use $\frac{22}{7}$ for π .
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 π .
14. Find the circumference of a circle with a diameter of 35 ft. Use $\frac{22}{7}$ for π .
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
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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.