



Name: _____

Date: _____

1. Three angles of a quadrilateral are 100° , 67° , and 83° . What is the fourth angle? ____°

2. A rhombus has all sides equal to 11 cm. What is its perimeter?

46 cm

22 cm

121 cm

44 cm

3. Three angles of a quadrilateral are 88° , 99° , and 90° . What is the fourth angle? ____°

4. A rhombus has all sides equal to 6 cm. What is its perimeter?

24 cm

36 cm

26 cm

12 cm

5. Three angles of a quadrilateral are 81° , 109° , and 67° . What is the fourth angle? ____°

6. A rhombus has all sides equal to 4 cm. What is its perimeter?

8 cm

18 cm

16 cm



7. Three angles of a quadrilateral are 66° , 70° , and 83° . What is the fourth angle? ____°

8. A rhombus has all sides equal to 12 cm. What is its perimeter?

48 cm

50 cm

144 cm

24 cm

9. Three angles of a quadrilateral are 94° , 77° , and 79° . What is the fourth angle? ____°

10. A rhombus has all sides equal to 7 cm. What is its perimeter?

28 cm

14 cm

30 cm

49 cm

11. Three angles of a quadrilateral are 64° , 105° , and 67° . What is the fourth angle? ____°

12. A rhombus has all sides equal to 3 cm. What is its perimeter?

14 cm

12 cm

6 cm

9 cm



13. Three angles of a quadrilateral are 101° , 93° , and 66° . What is the fourth angle? ____°

14. A rhombus has all sides equal to 5 cm. What is its perimeter?

10 cm

20 cm

22 cm

25 cm

15. Three angles of a quadrilateral are 94° , 103° , and 86° . What is the fourth angle? ____°

16. Three angles of a quadrilateral are 104° , 91° , and 84° . What is the fourth angle? ____°

17. Three angles of a quadrilateral are 97° , 83° , and 101° . What is the fourth angle? ____°

18. Three angles of a quadrilateral are 107° , 98° , and 81° . What is the fourth angle? ____°



Answer Key

1. **110** Angles of a quadrilateral sum to 360° . $360 - (100 + 67 + 83) = 110^\circ$.
2. **44 cm** All 4 sides are 11: perimeter = $4 \times 11 = 44$ cm.
3. **83** Angles of a quadrilateral sum to 360° . $360 - (88 + 99 + 90) = 83^\circ$.
4. **24 cm** All 4 sides are 6: perimeter = $4 \times 6 = 24$ cm.
5. **103** Angles of a quadrilateral sum to 360° . $360 - (81 + 109 + 67) = 103^\circ$.
6. **16 cm** All 4 sides are 4: perimeter = $4 \times 4 = 16$ cm.
7. **141** Angles of a quadrilateral sum to 360° . $360 - (66 + 70 + 83) = 141^\circ$.
8. **48 cm** All 4 sides are 12: perimeter = $4 \times 12 = 48$ cm.
9. **110** Angles of a quadrilateral sum to 360° . $360 - (94 + 77 + 79) = 110^\circ$.
10. **28 cm** All 4 sides are 7: perimeter = $4 \times 7 = 28$ cm.
11. **124** Angles of a quadrilateral sum to 360° . $360 - (64 + 105 + 67) = 124^\circ$.
12. **12 cm** All 4 sides are 3: perimeter = $4 \times 3 = 12$ cm.
13. **100** Angles of a quadrilateral sum to 360° . $360 - (101 + 93 + 66) = 100^\circ$.
14. **20 cm** All 4 sides are 5: perimeter = $4 \times 5 = 20$ cm.
15. **77** Angles of a quadrilateral sum to 360° . $360 - (94 + 103 + 86) = 77^\circ$.
16. **81** Angles of a quadrilateral sum to 360° . $360 - (104 + 91 + 84) = 81^\circ$.
17. **79** Angles of a quadrilateral sum to 360° . $360 - (97 + 83 + 101) = 79^\circ$.
18. **74** Angles of a quadrilateral sum to 360° . $360 - (107 + 98 + 81) = 74^\circ$.