



# Finding Complementary and Supplementary Angles

Name: \_\_\_\_\_

Solve each problem.

- 1) The complementary angle of  $78^\circ$  is \_\_\_\_\_  $^\circ$ .
- 2) The complementary angle of  $57^\circ$  is \_\_\_\_\_  $^\circ$ .
- 3) The complementary angle of  $11^\circ$  is \_\_\_\_\_  $^\circ$ .
- 4) The complementary angle of  $1^\circ$  is \_\_\_\_\_  $^\circ$ .
- 5) The complementary angle of  $58^\circ$  is \_\_\_\_\_  $^\circ$ .
- 6) The complementary angle of  $47^\circ$  is \_\_\_\_\_  $^\circ$ .
- 7) The complementary angle of  $26^\circ$  is \_\_\_\_\_  $^\circ$ .
- 8) The complementary angle of  $39^\circ$  is \_\_\_\_\_  $^\circ$ .
- 9) The complementary angle of  $24^\circ$  is \_\_\_\_\_  $^\circ$ .
- 10) The complementary angle of  $61^\circ$  is \_\_\_\_\_  $^\circ$ .
- 11) The supplementary angle of  $31^\circ$  is \_\_\_\_\_  $^\circ$ .
- 12) The supplementary angle of  $3^\circ$  is \_\_\_\_\_  $^\circ$ .
- 13) The supplementary angle of  $87^\circ$  is \_\_\_\_\_  $^\circ$ .
- 14) The supplementary angle of  $2^\circ$  is \_\_\_\_\_  $^\circ$ .
- 15) The supplementary angle of  $76^\circ$  is \_\_\_\_\_  $^\circ$ .
- 16) The supplementary angle of  $37^\circ$  is \_\_\_\_\_  $^\circ$ .
- 17) The supplementary angle of  $70^\circ$  is \_\_\_\_\_  $^\circ$ .
- 18) The supplementary angle of  $143^\circ$  is \_\_\_\_\_  $^\circ$ .
- 19) The supplementary angle of  $36^\circ$  is \_\_\_\_\_  $^\circ$ .
- 20) The supplementary angle of  $28^\circ$  is \_\_\_\_\_  $^\circ$ .

## Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_
19. \_\_\_\_\_
20. \_\_\_\_\_



Solve each problem.

- 1) The complementary angle of  $78^\circ$  is 12  $^\circ$ .
- 2) The complementary angle of  $57^\circ$  is 33  $^\circ$ .
- 3) The complementary angle of  $11^\circ$  is 79  $^\circ$ .
- 4) The complementary angle of  $1^\circ$  is 89  $^\circ$ .
- 5) The complementary angle of  $58^\circ$  is 32  $^\circ$ .
- 6) The complementary angle of  $47^\circ$  is 43  $^\circ$ .
- 7) The complementary angle of  $26^\circ$  is 64  $^\circ$ .
- 8) The complementary angle of  $39^\circ$  is 51  $^\circ$ .
- 9) The complementary angle of  $24^\circ$  is 66  $^\circ$ .
- 10) The complementary angle of  $61^\circ$  is 29  $^\circ$ .
- 11) The supplementary angle of  $31^\circ$  is 149  $^\circ$ .
- 12) The supplementary angle of  $3^\circ$  is 177  $^\circ$ .
- 13) The supplementary angle of  $87^\circ$  is 93  $^\circ$ .
- 14) The supplementary angle of  $2^\circ$  is 178  $^\circ$ .
- 15) The supplementary angle of  $76^\circ$  is 104  $^\circ$ .
- 16) The supplementary angle of  $37^\circ$  is 143  $^\circ$ .
- 17) The supplementary angle of  $70^\circ$  is 110  $^\circ$ .
- 18) The supplementary angle of  $143^\circ$  is 37  $^\circ$ .
- 19) The supplementary angle of  $36^\circ$  is 144  $^\circ$ .
- 20) The supplementary angle of  $28^\circ$  is 152  $^\circ$ .

**Answers**

1. 12
2. 33
3. 79
4. 89
5. 32
6. 43
7. 64
8. 51
9. 66
10. 29
11. 149
12. 177
13. 93
14. 178
15. 104
16. 143
17. 110
18. 37
19. 144
20. 152



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9) The complementary angle of  $24^\circ$  is \_\_\_\_\_  $^\circ$ .

10) The complementary angle of  $61^\circ$  is \_\_\_\_\_  $^\circ$ .

11) The supplementary angle of  $31^\circ$  is \_\_\_\_\_  $^\circ$ .

12) The supplementary angle of  $3^\circ$  is \_\_\_\_\_  $^\circ$ .

## Answers

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

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11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

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16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_