



## Finding Complementary and Supplementary Angles Name:

Solve each problem.

- 1) The complementary angle of  $89^\circ$  is \_\_\_\_\_  $^\circ$ .
- 2) The complementary angle of  $53^\circ$  is \_\_\_\_\_  $^\circ$ .
- 3) The complementary angle of  $58^\circ$  is \_\_\_\_\_  $^\circ$ .
- 4) The complementary angle of  $64^\circ$  is \_\_\_\_\_  $^\circ$ .
- 5) The complementary angle of  $60^\circ$  is \_\_\_\_\_  $^\circ$ .
- 6) The complementary angle of  $22^\circ$  is \_\_\_\_\_  $^\circ$ .
- 7) The complementary angle of  $78^\circ$  is \_\_\_\_\_  $^\circ$ .
- 8) The complementary angle of  $44^\circ$  is \_\_\_\_\_  $^\circ$ .
- 9) The complementary angle of  $40^\circ$  is \_\_\_\_\_  $^\circ$ .
- 10) The complementary angle of  $32^\circ$  is \_\_\_\_\_  $^\circ$ .
- 11) The supplementary angle of  $107^\circ$  is \_\_\_\_\_  $^\circ$ .
- 12) The supplementary angle of  $102^\circ$  is \_\_\_\_\_  $^\circ$ .
- 13) The supplementary angle of  $55^\circ$  is \_\_\_\_\_  $^\circ$ .
- 14) The supplementary angle of  $169^\circ$  is \_\_\_\_\_  $^\circ$ .
- 15) The supplementary angle of  $93^\circ$  is \_\_\_\_\_  $^\circ$ .
- 16) The supplementary angle of  $2^\circ$  is \_\_\_\_\_  $^\circ$ .
- 17) The supplementary angle of  $127^\circ$  is \_\_\_\_\_  $^\circ$ .
- 18) The supplementary angle of  $141^\circ$  is \_\_\_\_\_  $^\circ$ .
- 19) The supplementary angle of  $45^\circ$  is \_\_\_\_\_  $^\circ$ .
- 20) The supplementary angle of  $51^\circ$  is \_\_\_\_\_  $^\circ$ .

## Answers

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



# Finding Complementary and Supplementary Angles

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

**Answer Key**

Solve each problem.

- 1) The complementary angle of  $89^\circ$  is 1  $^\circ$ .
- 2) The complementary angle of  $53^\circ$  is 37  $^\circ$ .
- 3) The complementary angle of  $58^\circ$  is 32  $^\circ$ .
- 4) The complementary angle of  $64^\circ$  is 26  $^\circ$ .
- 5) The complementary angle of  $60^\circ$  is 30  $^\circ$ .
- 6) The complementary angle of  $22^\circ$  is 68  $^\circ$ .
- 7) The complementary angle of  $78^\circ$  is 12  $^\circ$ .
- 8) The complementary angle of  $44^\circ$  is 46  $^\circ$ .
- 9) The complementary angle of  $40^\circ$  is 50  $^\circ$ .
- 10) The complementary angle of  $32^\circ$  is 58  $^\circ$ .
- 11) The supplementary angle of  $107^\circ$  is 73  $^\circ$ .
- 12) The supplementary angle of  $102^\circ$  is 78  $^\circ$ .
- 13) The supplementary angle of  $55^\circ$  is 125  $^\circ$ .
- 14) The supplementary angle of  $169^\circ$  is 11  $^\circ$ .
- 15) The supplementary angle of  $93^\circ$  is 87  $^\circ$ .
- 16) The supplementary angle of  $2^\circ$  is 178  $^\circ$ .
- 17) The supplementary angle of  $127^\circ$  is 53  $^\circ$ .
- 18) The supplementary angle of  $141^\circ$  is 39  $^\circ$ .
- 19) The supplementary angle of  $45^\circ$  is 135  $^\circ$ .
- 20) The supplementary angle of  $51^\circ$  is 129  $^\circ$ .

## Answers

1. 1
2. 37
3. 32
4. 26
5. 30
6. 68
7. 12
8. 46
9. 50
10. 58
11. 73
12. 78
13. 125
14. 11
15. 87
16. 178
17. 53
18. 39
19. 135
20. 129



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9) The complementary angle of  $40^\circ$  is \_\_\_\_\_  $^\circ$ .

10) The complementary angle of  $32^\circ$  is \_\_\_\_\_  $^\circ$ .

11) The supplementary angle of  $107^\circ$  is \_\_\_\_\_  $^\circ$ .

12) The supplementary angle of  $102^\circ$  is \_\_\_\_\_  $^\circ$ .

## Answers

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

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

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

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

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

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

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

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

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

10. \_\_\_\_\_

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

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

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

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

15. \_\_\_\_\_

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

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

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

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

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