Name: _____ Date: _____

Fresh Math

# Missing Angle Problems - Medium

*Find the measure of each missing angle. Use angle relationships and the fact that angles in a triangle sum to 180 degrees.*

1. Two angles are complementary. One angle is 56°. Find the other angle.
2. Two angles are complementary. One angle is 9°. Find the other angle.
3. Two angles are complementary. One angle is 52°. Find the other angle.
4. Two angles are complementary. One angle is 63°. Find the other angle.
5. Two angles are supplementary. One angle is 29°. Find the other angle.
6. Two angles are complementary. One angle is 26°. Find the other angle.
7. Two angles are supplementary. One angle is 147°. Find the other angle.
8. Two angles are complementary. One angle is 53°. Find the other angle.
9. Two angles are complementary. One angle is 61°. Find the other angle.
10. Two angles are supplementary. One angle is 103°. Find the other angle.

Name: _____ Date: _____

Fresh Math

# Missing Angle Problems - Medium

*Find the measure of each missing angle. Use angle relationships and the fact that angles in a triangle sum to 180 degrees.*

11. Two angles are supplementary. One angle is 72°. Find the other angle.

12. Two angles are supplementary. One angle is 109°. Find the other angle.

13. Two angles are supplementary. One angle is 45°. Find the other angle.

14. Two angles are complementary. One angle is 73°. Find the other angle.

15. Two angles are complementary. One angle is 46°. Find the other angle.

16. Two angles are supplementary. One angle is 43°. Find the other angle.

17. Two angles are complementary. One angle is 35°. Find the other angle.

18. Two angles are supplementary. One angle is 119°. Find the other angle.

19. Two angles are supplementary. One angle is 152°. Find the other angle.

20. Two angles are supplementary. One angle is 130°. Find the other angle.

# Missing Angle Problems - Medium - Answer Key

1. Two angles are complementary. One angle is 56°. Find the other angle.

   34

2. Two angles are complementary. One angle is 9°. Find the other angle.

   81

3. Two angles are complementary. One angle is 52°. Find the other angle.

   38

4. Two angles are complementary. One angle is 63°. Find the other angle.

   27

5. Two angles are supplementary. One angle is 29°. Find the other angle.

   151

6. Two angles are complementary. One angle is 26°. Find the other angle.

   64

7. Two angles are supplementary. One angle is 147°. Find the other angle.

   33

8. Two angles are complementary. One angle is 53°. Find the other angle.

   37

9. Two angles are complementary. One angle is 61°. Find the other angle.

   29

10. Two angles are supplementary. One angle is 103°. Find the other angle.

    77

# Missing Angle Problems - Medium - Answer Key

11. Two angles are supplementary. One angle is 72°. Find the other angle.

    108

12. Two angles are supplementary. One angle is 109°. Find the other angle.

    71

13. Two angles are supplementary. One angle is 45°. Find the other angle.

    135

14. Two angles are complementary. One angle is 73°. Find the other angle.

    17

15. Two angles are complementary. One angle is 46°. Find the other angle.

    44

16. Two angles are supplementary. One angle is 43°. Find the other angle.

    137

17. Two angles are complementary. One angle is 35°. Find the other angle.

    55

18. Two angles are supplementary. One angle is 119°. Find the other angle.

    61

19. Two angles are supplementary. One angle is 152°. Find the other angle.

    28

20. Two angles are supplementary. One angle is 130°. Find the other angle.

    50