Grade 5 Geometry Worksheet

Name: _____ Date: _____ Score: _____

Answer each geometry question. Write your answer on the line.

1. A triangle has angles of 75° and 66°. What is the third angle?

_____

2. A triangle has angles of 51° and 54°. What is the third angle?

_____

3. A triangle has angles of 62° and 70°. What is the third angle?

_____

4. A triangle has angles of 73° and 37°. What is the third angle?

_____

5. A triangle has angles of 35° and 56°. What is the third angle?

_____

6. What is the area of a triangle with base 15 and height 3?

_____

7. What is the area of a triangle with base 3 and height 8?

_____

8. A triangle has angles of 44° and 20°. What is the third angle?

_____

9. What is the area of a triangle with base 6 and height 8?

_____

10. A triangle has angles of 52° and 31°. What is the third angle?

_____

11. A triangle has angles of 61° and 35°. What is the third angle?

_____

12. A triangle has angles of 47° and 42°. What is the third angle?

_____

13. A triangle has angles of 51° and 42°. What is the third angle?

_____

14. A triangle has angles of 21° and 67°. What is the third angle?

_____

15. A triangle has angles of 44° and 48°. What is the third angle?

_____

16. A triangle has angles of 43° and 25°. What is the third angle?

_____

17. A triangle has angles of 60° and 24°. What is the third angle?

_____

18. What is the area of a triangle with base 8 and height 6?

_____

19. What is the area of a triangle with base 13 and height 7?

_____

20. What is the area of a triangle with base 7 and height 5?

_____

21. A triangle has angles of 21° and 66°. What is the third angle?

_____

22. What is the area of a triangle with base 15 and height 2?

_____

23. What is the area of a triangle with base 5 and height 5?

_____

24. What is the area of a triangle with base 10 and height 4?

_____

25.

26.

27.

28.

What is the area of a triangle with base 15 and height 5?

_____

A triangle has angles of 72° and 23°. What is the third angle?

_____

What is the area of a triangle with base 15 and height 9?

_____

A triangle has angles of 21° and 45°. What is the third angle?

_____

29. What is the area of a triangle with base 11 and height 4?

_____

30. A triangle has angles of 42° and 51°. What is the third angle?

_____

31. What is the area of a triangle with base 15 and height 8?

_____

32. A triangle has angles of 78° and 60°. What is the third angle?

_____

33. A triangle has angles of 72° and 47°. What is the third angle?

_____

34. A triangle has angles of 46° and 44°. What is the third angle?

_____

35. A triangle has angles of 78° and 65°. What is the third angle?

_____

36. What is the area of a triangle with base 12 and height 9?

_____

37. What is the area of a triangle with base 11 and height 12?

_____

38. A triangle has angles of 75° and 73°. What is the third angle?

_____

39. A triangle has angles of 67° and 56°. What is the third angle?

_____

40. A triangle has angles of 33° and 33°. What is the third angle?

_____

ANSWER KEY

Grade 5 Geometry Worksheet

1. A triangle has angles of 75° and 66°. What is the third angle?
   39
2. A triangle has angles of 51° and 54°. What is the third angle?
   75
3. A triangle has angles of 62° and 70°. What is the third angle?
   48
4. A triangle has angles of 73° and 37°. What is the third angle?
   70
5. A triangle has angles of 35° and 56°. What is the third angle?
   89
6. What is the area of a triangle with base 15 and height 3?
   22.5
7. What is the area of a triangle with base 3 and height 8?
   12
8. A triangle has angles of 44° and 20°. What is the third angle?
   116
9. What is the area of a triangle with base 6 and height 8?
   24
10. A triangle has angles of 52° and 31°. What is the third angle?
    97
11. A triangle has angles of 61° and 35°. What is the third angle?
    84
12. A triangle has angles of 47° and 42°. What is the third angle?
    91
13. A triangle has angles of 51° and 42°. What is the third angle?
    87
14. A triangle has angles of 21° and 67°. What is the third angle?
    92
15. A triangle has angles of 44° and 48°. What is the third angle?
    88
16. A triangle has angles of 43° and 25°. What is the third angle?
    112
17. A triangle has angles of 60° and 24°. What is the third angle?
    96
18. What is the area of a triangle with base 8 and height 6?
    24
19. What is the area of a triangle with base 13 and height 7?
    45.5
20. What is the area of a triangle with base 7 and height 5?
    17.5
21. A triangle has angles of 21° and 66°. What is the third angle?
    93
22. What is the area of a triangle with base 15 and height 2?
    15
23. What is the area of a triangle with base 5 and height 5?
    12.5
24. What is the area of a triangle with base 10 and height 4?
    20
25. What is the area of a triangle with
26. A triangle has angles of 72°
27. What is the area of a triangle with
28. A triangle has angles of 21°

base 15 and height 5?

37.5

and 23°. What is the third angle?

85

base 15 and height 9?

67.5

and 45°. What is the third angle?

114

29. What is the area of a triangle with base 11 and height 4?

    22

30. A triangle has angles of 42° and 51°. What is the third angle?

    87

31. What is the area of a triangle with base 15 and height 8?

    60

32. A triangle has angles of 78° and 60°. What is the third angle?

    42

33. A triangle has angles of 72° and 47°. What is the third angle?

    61

34. A triangle has angles of 46° and 44°. What is the third angle?

    90

35. A triangle has angles of 78° and 65°. What is the third angle?

    37

36. What is the area of a triangle with base 12 and height 9?

    54

37. What is the area of a triangle with base 11 and height 12?

    66

38. A triangle has angles of 75° and 73°. What is the third angle?

    32

39. A triangle has angles of 67° and 56°. What is the third angle?

    57

40. A triangle has angles of 33° and 33°. What is the third angle?

    114