

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

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

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

28. 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

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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 base 15 and height 5?
37.5
26. A triangle has angles of 72° and 23° . What is the third angle?
85
27. What is the area of a triangle with base 15 and height 9?
67.5
28. A triangle has angles of 21° 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