Name: _____ Date: _____

Law Of Sines - Medium

In triangle ABC, find the third angle, then use the Law of Sines to find the missing sides. Round to the nearest tenth.

1. angle A = 58°, angle B = 34°, c = 20. Find angle C, a, and b.

2. angle A = 68°, angle B = 67°, c = 18. Find angle C, a, and b.

3. angle A = 56°, angle B = 71°, c = 17. Find angle C, a, and b.

4. angle A = 39°, angle B = 63°, c = 16. Find angle C, a, and b.

5. angle A = 66°, angle B = 36°, c = 6. Find angle C, a, and b.

6. angle A = 72°, angle B = 68°, c = 17. Find angle C, a, and b.

Name: _____ Date: _____

Fresh Math

Law Of Sines - Medium

In triangle ABC, find the third angle, then use the Law of Sines to find the missing sides. Round to the nearest tenth.

7. angle A = 75°, angle B = 64°, c = 22. Find angle C, a, and b.

8. angle A = 64°, angle B = 37°, c = 15. Find angle C, a, and b.

9. angle A = 65°, angle B = 34°, c = 17. Find angle C, a, and b.

10. angle A = 80°, angle B = 31°, c = 8. Find angle C, a, and b.

11. angle A = 25°, angle B = 50°, c = 24. Find angle C, a, and b.

12. angle A = 44°, angle B = 58°, c = 15. Find angle C, a, and b.

Name: _____ Date: _____

Law Of Sines - Medium

In triangle ABC, find the third angle, then use the Law of Sines to find the missing sides. Round to the nearest tenth.

13. angle A = 33°, angle B = 47°, c = 25. Find angle C, a, and b.

14. angle A = 53°, angle B = 43°, c = 11. Find angle C, a, and b.

15. angle A = 48°, angle B = 61°, c = 20. Find angle C, a, and b.

16. angle A = 47°, angle B = 63°, c = 6. Find angle C, a, and b.

Law Of Sines - Medium - Answer Key

1. angle A = 58°, angle B = 34°, c = 20. Find angle C, a, and b.

   angle C = 88°, a ≈ 17.0, b ≈ 11.2
2. angle A = 68°, angle B = 67°, c = 18. Find angle C, a, and b.

   angle C = 45°, a ≈ 23.6, b ≈ 23.4
3. angle A = 56°, angle B = 71°, c = 17. Find angle C, a, and b.

   angle C = 53°, a ≈ 17.6, b ≈ 20.1
4. angle A = 39°, angle B = 63°, c = 16. Find angle C, a, and b.

   angle C = 78°, a ≈ 10.3, b ≈ 14.6
5. angle A = 66°, angle B = 36°, c = 6. Find angle C, a, and b.

   angle C = 78°, a ≈ 5.6, b ≈ 3.6
6. angle A = 72°, angle B = 68°, c = 17. Find angle C, a, and b.

   angle C = 40°, a ≈ 25.2, b ≈ 24.5

Law Of Sines - Medium - Answer Key

7. angle A = 75°, angle B = 64°, c = 22. Find angle C, a, and b.

   angle C = 41°, a ≈ 32.4, b ≈ 30.1
8. angle A = 64°, angle B = 37°, c = 15. Find angle C, a, and b.

   angle C = 79°, a ≈ 13.7, b ≈ 9.2
9. angle A = 65°, angle B = 34°, c = 17. Find angle C, a, and b.

   angle C = 81°, a ≈ 15.6, b ≈ 9.6
10. angle A = 80°, angle B = 31°, c = 8. Find angle C, a, and b.

    angle C = 69°, a ≈ 8.4, b ≈ 4.4
11. angle A = 25°, angle B = 50°, c = 24. Find angle C, a, and b.

    angle C = 105°, a ≈ 10.5, b ≈ 19.0
12. angle A = 44°, angle B = 58°, c = 15. Find angle C, a, and b.

    angle C = 78°, a ≈ 10.7, b ≈ 13.0

Law Of Sines - Medium - Answer Key

13. angle A = 33°, angle B = 47°, c = 25. Find angle C, a, and b.

    angle C = 100°, a ≈ 13.8, b ≈ 18.6

14. angle A = 53°, angle B = 43°, c = 11. Find angle C, a, and b.

    angle C = 84°, a ≈ 8.8, b ≈ 7.5

15. angle A = 48°, angle B = 61°, c = 20. Find angle C, a, and b.

    angle C = 71°, a ≈ 15.7, b ≈ 18.5

16. angle A = 47°, angle B = 63°, c = 6. Find angle C, a, and b.

    angle C = 70°, a ≈ 4.7, b ≈ 5.7