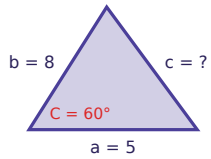
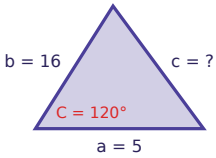
Task card 1 — Law of Sines & Law of Cosines

In a triangle, side a = 5, side b = 8, and the included angle C = 60°. Find side c (Law of Cosines).



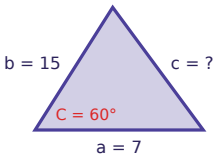
Task card 2 — Law of Sines & Law of Cosines

In a triangle, side a = 5, side b = 16, and the included angle C = 120°. Find side c (Law of Cosines).



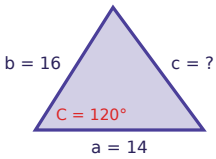
Task card 3 — Law of Sines & Law of Cosines

In a triangle, side a = 7, side b = 15, and the included angle C = 60°. Find side c (Law of Cosines).



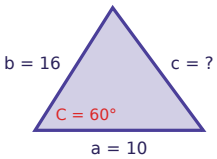
Task card 4 — Law of Sines & Law of Cosines

In a triangle, side a = 14, side b = 16, and the included angle C = 120°. Find side c (Law of Cosines).



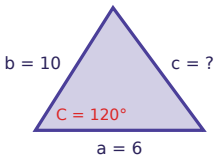
Task card 5 — Law of Sines & Law of Cosines

In a triangle, side a = 10, side b = 16, and the included angle C = 60°. Find side c (Law of Cosines).



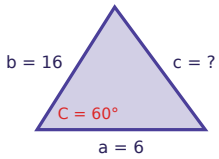
Task card 6 — Law of Sines & Law of Cosines

In a triangle, side a = 6, side b = 10, and the included angle C = 120°. Find side c (Law of Cosines).



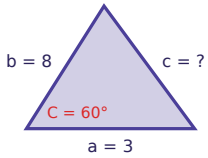
Task card 7 Law of Sines & Law of Cosines

In a triangle, side a = 6, side b = 16, and the included angle C = 60°. Find side c (Law of Cosines).



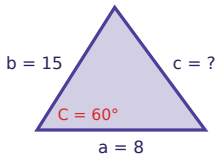
Task card 8 Law of Sines & Law of Cosines

In a triangle, side a = 3, side b = 8, and the included angle C = 60°. Find side c (Law of Cosines).



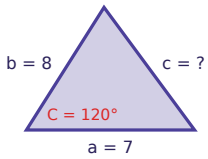
Task card 9 Law of Sines & Law of Cosines

In a triangle, side a = 8, side b = 15, and the included angle C = 60°. Find side c (Law of Cosines).



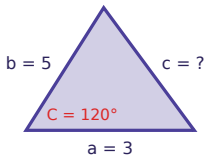
Task card 10 Law of Sines & Law of Cosines

In a triangle, side a = 7, side b = 8, and the included angle C = 120°. Find side c (Law of Cosines).



Task card 11 Law of Sines & Law of Cosines

In a triangle, side a = 3, side b = 5, and the included angle C = 120°. Find side c (Law of Cosines).



Law of Sines & Law of Cosines Task Cards

Recording sheet · Grade 12 · Find the missing side length.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	

Law of Sines & Law of Cosines Task Cards: Answer Key

Grade 12 · Medium

The answers online

1. 7	**2.** 19	**3.** 13
4. 26	**5.** 14	**6.** 14
7. 14	**8.** 7	**9.** 13
10. 13	**11.** 7	