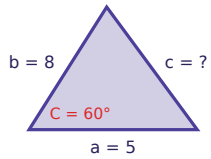
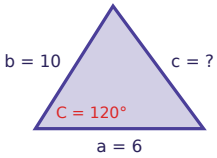
Task card 1 Law of Sines & Law of Cosines

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



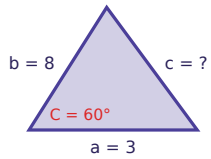
Task card 2 Law of Sines & Law of Cosines

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



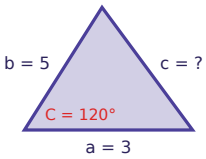
Task card 3 Law of Sines & Law of Cosines

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



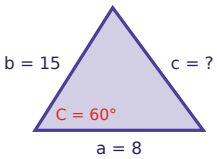
Task card 4 Law of Sines & Law of Cosines

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



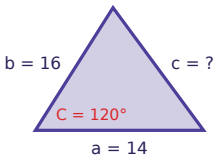
Task card 5 Law of Sines & Law of Cosines

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



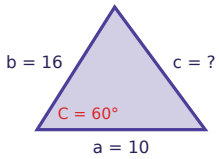
Task card 6 Law of Sines & Law of Cosines

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



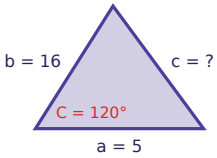
Task card 7 Law of Sines & Law of Cosines

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



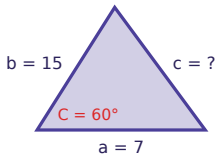
Task card 8 Law of Sines & Law of Cosines

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



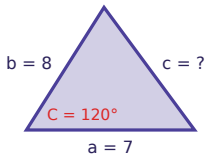
Task card 9 Law of Sines & Law of Cosines

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



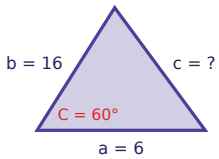
Task card 10 Law of Sines & Law of Cosines

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 = 6, side b = 16, and the included angle C = 60°. 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 · Hard

The answers online

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