

Cosine Rule (A)

In triangle ABC, side AB = 22 cm and side BC = 18 cm. $\angle ABC = 62.4^\circ$. Find side AC to one decimal place.

In triangle ABC, side AC = 9 cm and side BC = 20 cm. $\angle ACB = 15.3^\circ$. Find side AB to one decimal place.

In triangle ABC, side AC = 19 cm and side AB = 8 cm. Side BC = 15 cm. Find $\angle BAC$ to one decimal place.

In triangle ABC, side AB = 5 cm and side BC = 10 cm. Side AC = 9 cm. Find $\angle ABC$ to one decimal place.

In triangle ABC, side AC = 14 cm and side BC = 22 cm. $\angle ACB = 39.0^\circ$. Find side AB to one decimal place.

Cosine Rule (B)

In triangle ABC, side AC = 14 cm and side AB = 10 cm. Side BC = 7 cm. Find $\angle BAC$ to one decimal place.

In triangle ABC, side AC = 9 cm and side AB = 23 cm. Side BC = 15 cm. Find $\angle BAC$ to one decimal place.

In triangle ABC, side AC = 17 cm and side BC = 15 cm. $\angle ACB = 94.1^\circ$. Find side AB to one decimal place.

In triangle ABC, side AC = 17 cm and side AB = 18 cm. $\angle BAC = 36.5^\circ$. Find side BC to one decimal place.

In triangle ABC, side AC = 22 cm and side BC = 19 cm. Side AB = 20 cm. Find $\angle ACB$ to one decimal place.

Cosine Rule (C)

In triangle ABC, side AB = 17 cm and side BC = 14 cm. $\angle ABC = 48.4^\circ$. Find side AC to one decimal place.

In triangle ABC, side AC = 11 cm and side BC = 10 cm. Side AB = 11 cm. Find $\angle ACB$ to one decimal place.

In triangle ABC, side AB = 20 cm and side BC = 21 cm. $\angle ABC = 55.2^\circ$. Find side AC to one decimal place.

In triangle ABC, side AB = 25 cm and side BC = 17 cm. Side AC = 18 cm. Find $\angle ABC$ to one decimal place.

In triangle ABC, side AC = 12 cm and side AB = 8 cm. Side BC = 17 cm. Find $\angle BAC$ to one decimal place.

Cosine Rule (D)

In triangle ABC, side AC = 14 cm and side BC = 16 cm. Side AB = 15 cm. Find $\angle ACB$ to one decimal place.

In triangle ABC, side AC = 13 cm and side AB = 15 cm. $\angle BAC = 41.1^\circ$. Find side BC to one decimal place.

In triangle ABC, side AC = 6 cm and side AB = 10 cm. Side BC = 12 cm. Find $\angle BAC$ to one decimal place.

In triangle ABC, side AC = 10 cm and side AB = 14 cm. Side BC = 6 cm. Find $\angle BAC$ to one decimal place.

In triangle ABC, side AC = 9 cm and side AB = 16 cm. $\angle BAC = 94.8^\circ$. Find side BC to one decimal place.

Cosine Rule (E)

In triangle ABC, side AC = 12 cm and side AB = 20 cm. $\angle BAC = 22.3^\circ$. Find side BC to one decimal place.

In triangle ABC, side AB = 20 cm and side BC = 7 cm. $\angle ABC = 36.9^\circ$. Find side AC to one decimal place.

In triangle ABC, side AC = 20 cm and side BC = 12 cm. Side AB = 10 cm. Find $\angle ACB$ to one decimal place.

In triangle ABC, side AC = 7 cm and side BC = 16 cm. Side AB = 18 cm. Find $\angle ACB$ to one decimal place.

In triangle ABC, side AC = 10 cm and side BC = 17 cm. Side AB = 25 cm. Find $\angle ACB$ to one decimal place.

Cosine Rule (F)

In triangle ABC, side AC = 10 cm and side BC = 16 cm. $\angle ACB = 17.6^\circ$. Find side AB to one decimal place.

In triangle ABC, side AB = 15 cm and side BC = 11 cm. Side AC = 9 cm. Find $\angle ABC$ to one decimal place.

In triangle ABC, side AC = 17 cm and side AB = 17 cm. $\angle BAC = 60.0^\circ$. Find side BC to one decimal place.

In triangle ABC, side AC = 21 cm and side BC = 23 cm. Side AB = 19 cm. Find $\angle ACB$ to one decimal place.

In triangle ABC, side AC = 14 cm and side BC = 8 cm. $\angle ACB = 48.2^\circ$. Find side AB to one decimal place.

Cosine Rule (G)

In triangle ABC, side AC = 23 cm and side BC = 16 cm. $\angle ACB = 122.7^\circ$. Find side AB to one decimal place.

In triangle ABC, side AB = 18 cm and side BC = 22 cm. $\angle ABC = 65.9^\circ$. Find side AC to one decimal place.

In triangle ABC, side AC = 15 cm and side BC = 20 cm. Side AB = 9 cm. Find $\angle ACB$ to one decimal place.

In triangle ABC, side AB = 20 cm and side BC = 13 cm. Side AC = 9 cm. Find $\angle ABC$ to one decimal place.

In triangle ABC, side AC = 7 cm and side BC = 14 cm. Side AB = 13 cm. Find $\angle ACB$ to one decimal place.

Cosine Rule (H)

In triangle ABC, side AB = 19 cm and side BC = 25 cm. Side AC = 17 cm. Find $\angle ABC$ to one decimal place.

In triangle ABC, side AB = 21 cm and side BC = 6 cm. Side AC = 25 cm. Find $\angle ABC$ to one decimal place.

In triangle ABC, side AC = 13 cm and side BC = 19 cm. $\angle ACB = 41.5^\circ$. Find side AB to one decimal place.

In triangle ABC, side AC = 6 cm and side BC = 16 cm. $\angle ACB = 21.6^\circ$. Find side AB to one decimal place.

In triangle ABC, side AC = 19 cm and side BC = 21 cm. Side AB = 25 cm. Find $\angle ACB$ to one decimal place.

Cosine Rule (I)

In triangle ABC, side AC = 23 cm and side AB = 17 cm. Side BC = 22 cm. Find $\angle BAC$ to one decimal place.

In triangle ABC, side AB = 6 cm and side BC = 19 cm. $\angle ABC = 71.3^\circ$. Find side AC to one decimal place.

In triangle ABC, side AC = 13 cm and side BC = 22 cm. Side AB = 21 cm. Find $\angle ACB$ to one decimal place.

In triangle ABC, side AB = 21 cm and side BC = 20 cm. Side AC = 20 cm. Find $\angle ABC$ to one decimal place.

In triangle ABC, side AC = 19 cm and side AB = 13 cm. $\angle BAC = 34.1^\circ$. Find side BC to one decimal place.

Cosine Rule (J)

In triangle ABC, side AB = 21 cm and side BC = 15 cm. $\angle ABC = 17.1^\circ$. Find side AC to one decimal place.

In triangle ABC, side AC = 18 cm and side AB = 20 cm. Side BC = 23 cm. Find $\angle BAC$ to one decimal place.

In triangle ABC, side AC = 7 cm and side AB = 17 cm. $\angle BAC = 44.8^\circ$. Find side BC to one decimal place.

In triangle ABC, side AC = 15 cm and side BC = 18 cm. Side AB = 12 cm. Find $\angle ACB$ to one decimal place.

In triangle ABC, side AB = 16 cm and side BC = 18 cm. Side AC = 6 cm. Find $\angle ABC$ to one decimal place.