6.2 Law of Cosines Notes

Law of Cosines

-used to solve oblique triangles when \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will not work.

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| **Use…** | **when given…** |
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| Law of  Cosines | A close up of a device  Description automatically generated A picture containing object  Description automatically generated |

**Law of Cosines Formula**

Ex 1: Find the m<A.

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Ex 2: Find AB.

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Trigonometry/Precalculus Name

Law of Cosines CW Date

Day \_\_\_\_\_ Block

Use the Law of Cosines to find the measure of the missing side or angle.

1) Find the length of BC 2) Find m<C

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3) Find AB. 4) Find m < B.

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