



Law of cosines

How to use Law of Cosines to find an angle:

$$a^{2} = b^{2} + c^{2} - 2bc \cos A$$

$$a^{2} - b^{2} - c^{2} = -2bc \cos A$$

$$\frac{a^{2} - b^{2} - c^{2}}{-2bc} = \cos A$$

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