The Cosine Rule

Name _____

EQ: How do you use the Cosine Rule to find the unknown sides and angles of any triangle?

<u>**What do we need to know in order to use the Cosine Rule?**</u>

_____

<u>OR</u>

_____

<u>**What is the Cosine Rule?**</u>

_____

OR_____

OR_____

Cosine Rule

<u>**Example**</u> **Find the remaining sides and angles in triangle ABC if b = 13 cm, A = 42°, and c = 11 cm.**

<u>**YOU DO**</u>**: Find the remaining sides and angles in triangle PQR if p = 4.8 km, q = 6.3 km, and R = 32°.**