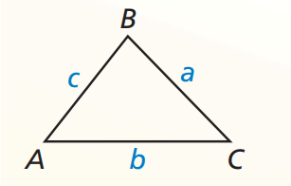


Law of Sines:

$$\frac{\sin(A)}{a}=\frac{\sin(B)}{b}$$

$$\frac{\sin(B)}{b}=\frac{\sin(C)}{c}$$

$$\frac{\sin(A)}{a}=\frac{\sin(C)}{c}$$

Law of Cosines:

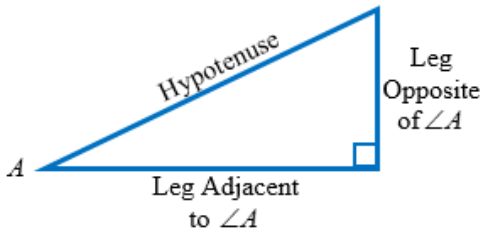
$$a^2=b^2+c^2-2bc\cos(A)$$

$$b^2=a^2+c^2-2ac\cos(B)$$

$$c^2=a^2+b^2-2ab\cos(C)$$

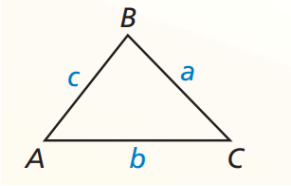
Area of a Triangle:

$$Area=\frac{1}{2}bc\sin(A)=\frac{1}{2}ac\sin(B)=\frac{1}{2}ab\sin(C)$$



SOHCAHTOA:

$$\sin(A)=\frac{opp}{hyp}\qquad\cos(A)=\frac{adj}{hyp}\qquad\tan(A)=\frac{opp}{adj}$$



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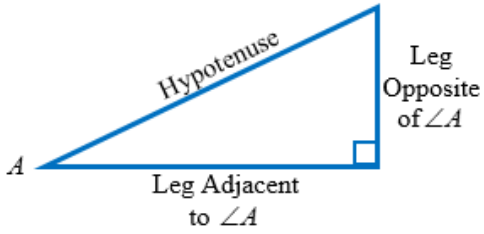

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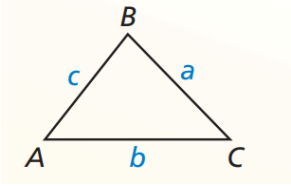

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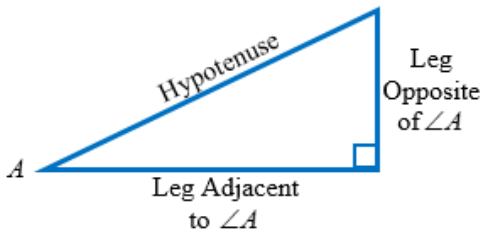

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