Cosine Rule GREEN

Use the cosine rule to find side $x$ in each of the following triangles

 

 

Use the cosine rule to find angle $X$ in each of the following triangles

 

Cosine Rule AMBER

Use the cosine rule to find side $x$ in each of the following triangles

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

 

 

Use the cosine rule to find angle $X$ in each of the following triangles

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

 

Cosine Rule RED

Use the cosine rule to find side $x$ in each of the following triangles

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

 

$x^{2}=9^{2}+8^{2}-2×9×8\cos(56)$

 $x=$

 

Use the cosine rule to find angle $X$ in each of the following triangles

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

 

$\cos(X=\frac{6^{2}+14^{2}-11^{2}}{2×6×14})$

 $X=cos^{-1}($