Find $\sin(\theta+\phi)$ if $\sin\theta=\frac{3}{5}$, $\sin\phi=\frac{12}{13}$ and both θ and ϕ are quadrant I angles.

Find $\tan(\theta+\phi)$ if $\tan\theta=\frac{1}{3}$ and $\tan\phi=\frac{2}{3}$.

One of the primary trigonometric ratios for an angle is given, as well as the quadrant in which each angle is located. Find the other two trigonometric ratios of the angle.

a) $\sin A=\frac{3}{4}$, first quadrant

b) $\cos B=-\frac{2}{3}$, second quadrant

Solve the following triangle: