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Using these sides, you can define six Trigonometric Functions: sine (sin), cosine (cos), tangent (tan), cosecant (csc), secant (sec), and cotangent (cot).
"Definitions"

Examples
Find the values of the six trigonometric functions for angle $\theta$.

(1) $\sin \theta=\frac{0}{h}=\frac{4}{5}$
(2) $\cos \theta=\frac{a}{h}=\frac{3}{5}$
(3) $\tan \theta=\frac{0}{a}=\frac{4}{3} v^{f l_{i p}}$
(5)
(6)

(C) $\sin \theta=\frac{32}{40}=\frac{4}{5}$
(5) $\cos \theta=\frac{24}{40}=\frac{3}{5}$
(3) $\tan \theta=\frac{32}{24}=\frac{4}{3}$
(4) $\csc \theta=\frac{40}{32}=\frac{5}{4}$
(5) $\sec \theta=\frac{y 0}{24}=\frac{5}{3}$.
(6) $\cot \theta=\frac{24}{32}=\frac{3}{4}$

