

Trigonometric Ratios

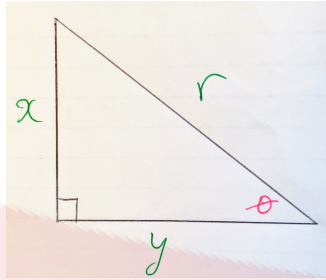
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Trigonometric Ratios

Let's consider the right angled triangle below.



We have the following **trigonometric ratios**,

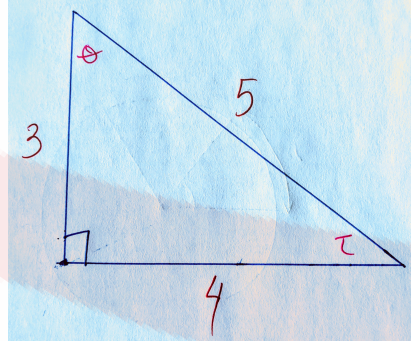
$$\sin \theta = \frac{x}{r}$$

$$\cos \theta = \frac{y}{r}$$

$$\tan \theta = \frac{x}{y}$$

Exercises

Use the triangle below to find the following values.



a) $\sin \theta$

d) $\cos \theta$

b) $\cos \tau$

e) $\sin \tau$

c) $\tan \tau$

f) $\tan \theta$