

Fill in the Blanks

Sine, Cosine and Tangent Ratios

| Labelled diagram | Sine Ratio | Cosine Ratio | Tangent Ratio | Labelled diagram | Sine Ratio | Cosine Ratio | Tangent Ratio |
|------------------|--------------------------|--------------------------|-------------------------|------------------|--------------------------------|--------------------------------|--------------------------------|
| | $\sin x = \frac{3}{5}$ | $\cos x = \frac{4}{5}$ | $\tan x = \frac{3}{4}$ | | $\sin x = \frac{5.5}{7.3}$ | $\cos x = \frac{4.8}{7.3}$ | $\tan x = \frac{5.5}{4.8}$ |
| | $\sin x = \frac{4}{5}$ | $\cos x = \frac{3}{5}$ | $\tan x = \frac{4}{3}$ | | $\sin x = \frac{5}{\sqrt{29}}$ | $\cos x = \frac{2}{\sqrt{29}}$ | $\tan x = \frac{5}{2}$ |
| | $\sin x = \frac{5}{13}$ | $\cos x = \frac{12}{13}$ | $\tan x = \frac{5}{12}$ | | $\sin x = \frac{9.9}{10.1}$ | $\cos x = \frac{2}{10.1}$ | $\tan x = \frac{9.9}{2}$ |
| | $\sin x = \frac{15}{17}$ | $\cos x = \frac{8}{17}$ | $\tan x = \frac{15}{8}$ | | $\sin x = \frac{4}{7}$ | $\cos x = \frac{\sqrt{33}}{7}$ | $\tan x = \frac{4}{\sqrt{33}}$ |