

# Trigonometric Ratios

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1) Find  $\cos \theta$ , if  $\sin \theta = \frac{3}{5}$ .

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2) Find  $\sec \theta$ , if  $\tan \theta = \frac{2}{7}$ .

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3) Find  $\sin \theta$ , if  $\cot \theta = 3$ .

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4) Find  $\cot \theta$ , if  $\operatorname{cosec} \theta = \frac{29}{20}$ .

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5) Find  $\tan \theta$ , if  $\sec \theta = \frac{\sqrt{13}}{2}$ .

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6) Find  $\operatorname{cosec} \theta$ , if  $\cos \theta = \frac{8}{17}$ .

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7) If  $\cot \theta = \frac{7}{24}$ , find the following.

i)  $\cos \theta$

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ii)  $\tan \theta$

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iii)  $\sec \theta$

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iv)  $\operatorname{cosec} \theta$

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