



- 1) Given: $\sin \theta = \frac{x}{3}$ Find: $\cos^2 \theta - \sin^2 \theta$
- 2) Given: $\tan \theta = \frac{2}{x}$ Find: $2 \sin \theta \cos \theta$
- 3) Given: $\cos \theta = \frac{x}{3}$ Find: $\tan \theta$
- 4) Given: $\tan \theta = \frac{x+5}{x}$ Find: $\cos \theta$
- 5) Given: $\csc \theta = \frac{x+2}{x}$ Find: $\tan \theta$
- 6) Given: $\cos \theta = \frac{x}{24}$ Find: $2 \sin \theta \cos \theta$
- 7) Given: $\sec \theta = \frac{x}{3}$ Find: $\tan \theta$
- 8) Given: $\cot \theta = \sqrt{1-x^2}$ Find: $\sin \theta$
- 9) Given: $\sin \theta = \sqrt{1-x^2}$ Find: $\cot \theta$
- 10) Given: $\tan \theta = \frac{x}{\sqrt{1+x^2}}$ Find: $\csc \theta$
- 11) Given: $\sec \theta = \frac{3}{x}$ Find: $\tan^2 \theta$
- 12) Given: $\sin \theta = \frac{x}{4}$ Find: $\frac{2 \tan \theta}{1 - \tan^2 \theta}$