Trigonometry Worksheet 2

- 1. If θ is angle between the line joining the origin and the point P(4,3) and x-axis, find $\csc \theta$.
- 6. Give the signs of the six trigonometric functions for each angle $\frac{5\pi}{4}$.
- 2. If θ is angle between the line joining the origin and the point P(-5,5) and x- axis, find $\tan \theta$.
- 7. Give the signs of the six trigonometric functions for each angle $\frac{11\pi}{6}$.
- 3. If θ is angle between the line joining the origin and the point P(-9, -40) and x-axis, find $\cos \theta$.
- 8. Given $\cos(\theta) = -\frac{3}{5}$ with θ in quadrant III, find $\tan \theta$.
- 4. Give the signs of the six trigonometric functions for each angle $\frac{\pi}{6}$.
- 9. Given $\sin(\theta) = \frac{45}{53}$ with θ in quadrant III, find $\cos \theta$.
- 5. Give the signs of the six trigonometric functions for each angle $\frac{2\pi}{3}$.
- 10. Given $tan(\theta) = \frac{3}{4}$ with θ in quadrant III, find $\sin \theta$.

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