Name _____ Date _____

Trigonometry

(Answer ID # 0480248)

Given a point on the terminal side of θ in standard position, find the exact value of the six trigonometric functions of θ.

1. P(8, 2) $\cot\theta$ =	$\sec\theta$ =	$\sin\theta$ =	$\csc\theta$ =	$\tan\theta$ =	$\cos\theta$ =
2. P(-5, -1) $\csc\theta$ =	$\cot\theta$ =	$\sec\theta$ =	$\cos\theta$ =	$\tan\theta$ =	$\sin\theta$ =
3. P(3, -8) $\tan\theta$ =	$\sec\theta$ =	$\csc\theta$ =	$\sin\theta$ =	$\cot\theta$ =	$\cos\theta$ =
4. P(9, -9) $\cot\theta$ =	$\cos\theta$ =	$\tan\theta$ =	$\sin\theta$ =	$\sec\theta$ =	$\csc\theta$ =
5. P(-4, 6) $\tan\theta$ =	$\sec\theta$ =	$\sin\theta$ =	$\cot\theta$ =	$\csc\theta$ =	$\cos\theta$ =
6. P(-7, 7) $\csc\theta$ =	$\sin\theta$ =	$\tan\theta$ =	$\cot\theta$ =	$\cos\theta$ =	$\sec\theta$ =
7. P(-1, -4) $\tan\theta$ =	$\sec\theta$ =	$\cot\theta$ =	$\csc\theta$ =	$\sin\theta$ =	$\cos\theta$ =
8. P(2, 5) $\tan\theta$ =	$\sec\theta$ =	$\csc\theta$ =	$\cot\theta$ =	$\cos\theta$ =	$\sin\theta$ =
9. P(-6, 3) $\cos\theta$ =	$\tan\theta$ =	$\csc\theta$ =	$\cot\theta$ =	$\sec\theta$ =	$\sin\theta$ =
10. P(3, 4) $\cos\theta$ =	$\sec\theta$ =	$\cot\theta$ =	$\csc\theta$ =	$\tan\theta$ =	$\sin\theta$ =