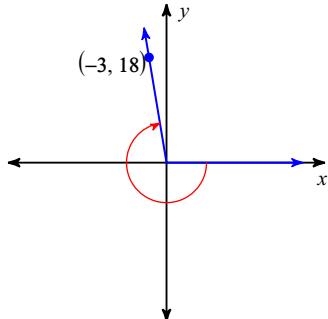
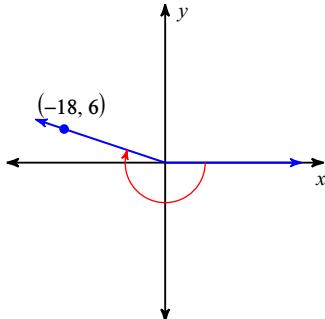


Use the given point on the terminal side of angle θ to find the value of the trigonometric function indicated.

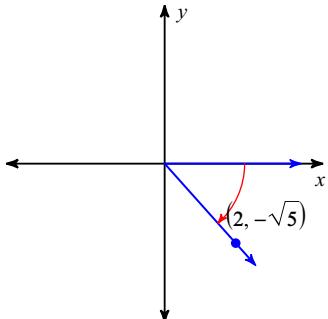
1) $\tan \theta$



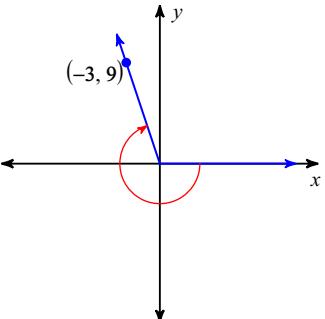
2) $\cos \theta$



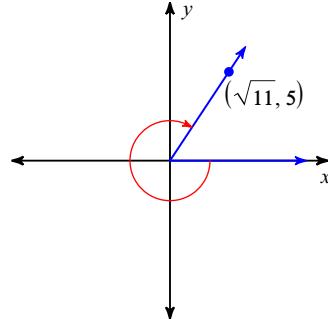
3) $\sin \theta$



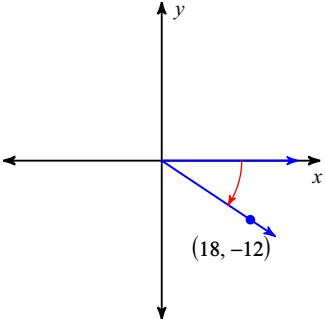
4) $\sin \theta$



5) $\cos \theta$



6) $\tan \theta$



7) $\cos \theta; (-2, -4)$

8) $\sin \theta; (8, 16)$

9) $\tan \theta; (-18, -7)$

Sketch each angle first. Find the exact value of each trigonometric function.

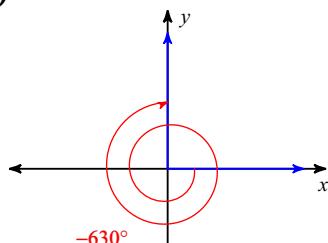
10) $\sin -180^\circ$

11) $\tan -90^\circ$

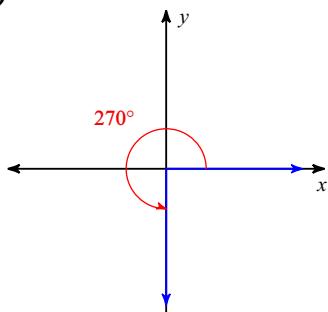
12) $\tan 0^\circ$

13) $\sin 270^\circ$

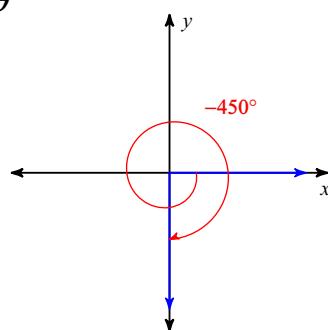
14) $\sin \theta$



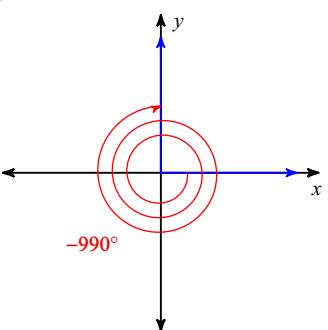
15) $\cos \theta$



16) $\tan \theta$

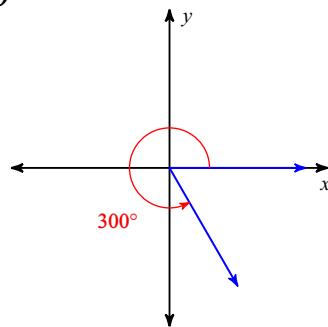


17) $\sin \theta$

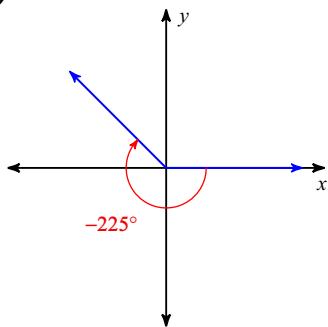


Sketch and label the REFERENCE TRIANGLE FOR EACH. Then find the exact value of each trigonometric function.

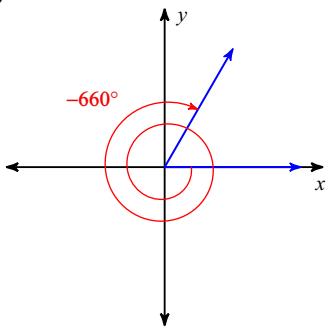
18) $\tan \theta$



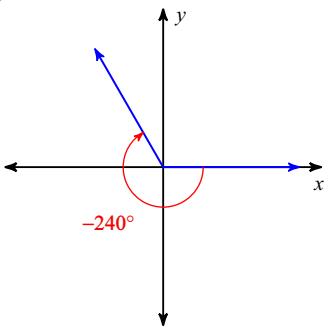
19) $\cos \theta$



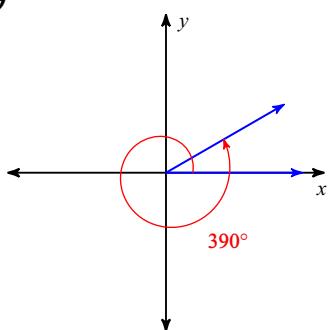
20) $\sin \theta$



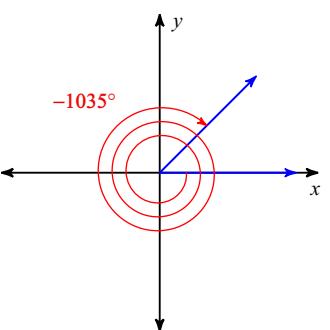
21) $\cos \theta$



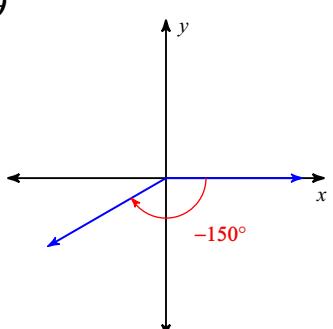
22) $\cos \theta$



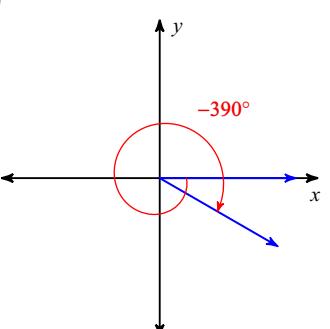
23) $\tan \theta$



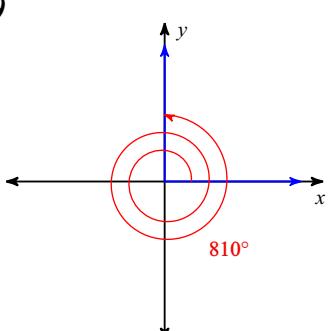
24) $\cos \theta$



25) $\tan \theta$



26) $\sin \theta$



27) $\sin \theta$

