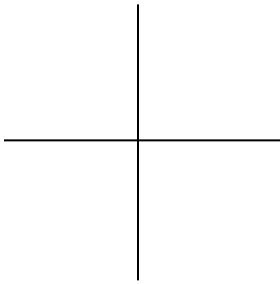


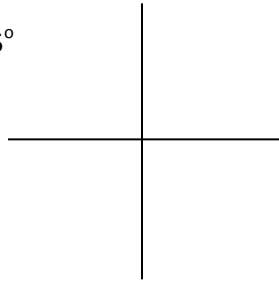
### Trigonometry T5: More Angles and Radian Measure

Draw and label the given angle in standard position and state what quadrant the terminal side is in (unless it lands on an axis):

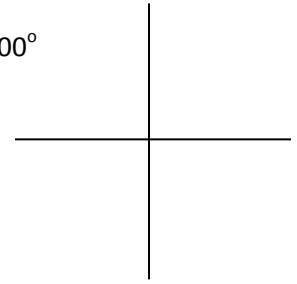
1.  $75^\circ$



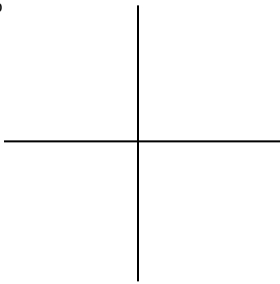
2.  $195^\circ$



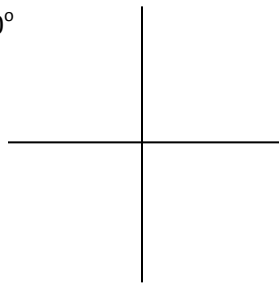
3.  $300^\circ$



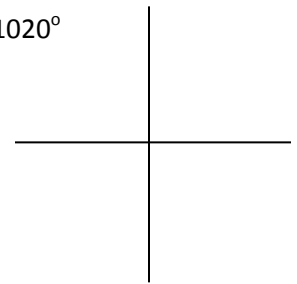
4.  $-170^\circ$



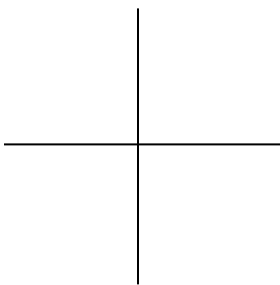
5.  $540^\circ$



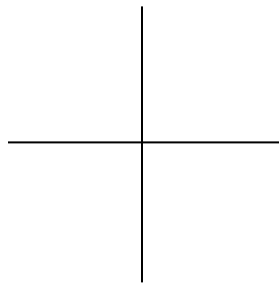
6.  $-1020^\circ$



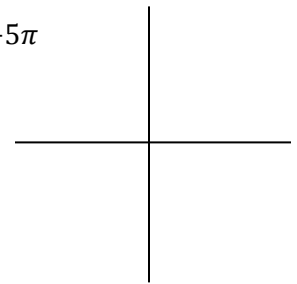
7.  $\frac{\pi}{4}$



8.  $\frac{11\pi}{6}$



9.  $-5\pi$



Convert the following degrees into radians:

10.  $65^\circ$

11.  $123^\circ$

12.  $27^\circ$

13.  $290^\circ$

Convert the following radians into degrees:

14.  $\frac{3\pi}{2}$

15. 2.34

16.  $\frac{\pi}{6}$

17.  $2\pi$

Evaluate the following trig functions:

18.  $\sin 2.56$

19.  $\tan 47^\circ$

20.  $\cos 3\pi$