

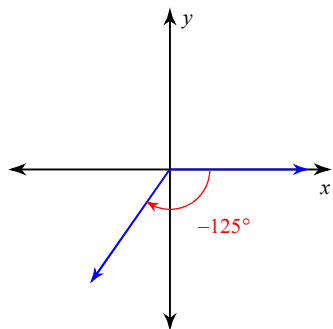
Week 5 Practice - Sin, Cos, Tan of "ANY" angle.

Date _____ Period _____

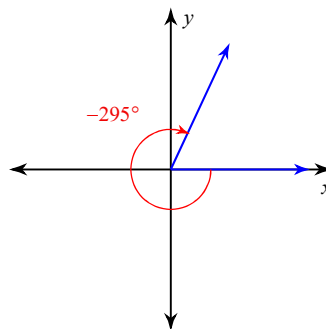
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Find the reference angle for the given angle. Remember "back to the x" and remember the reference angle is always positive. Think of it as your trig. table angle.

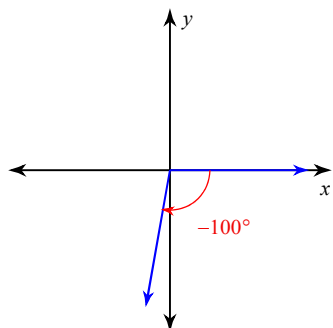
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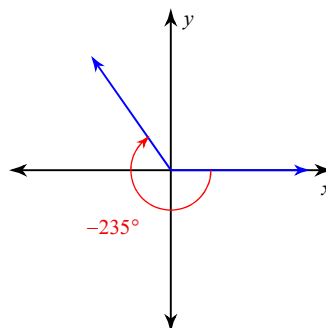
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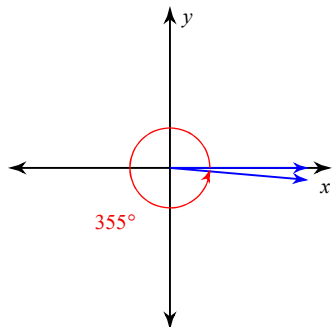
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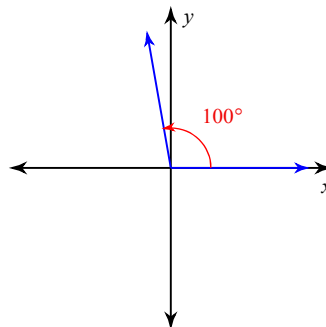
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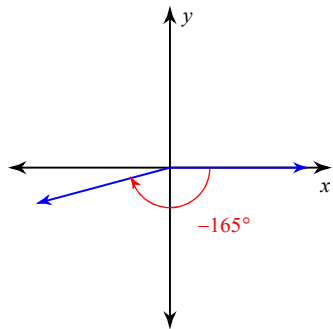
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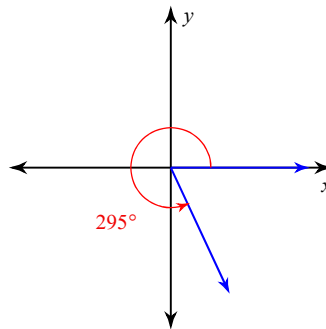
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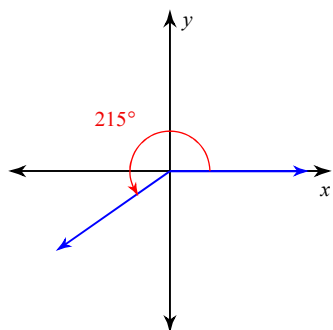
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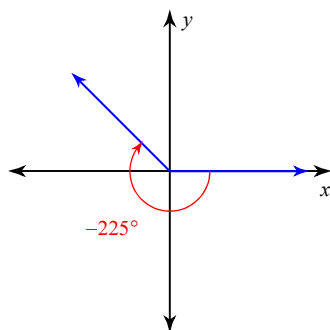
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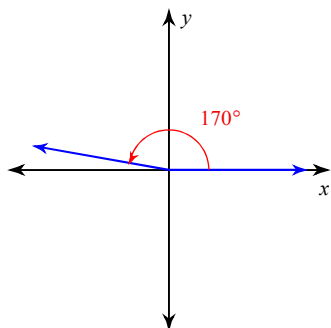
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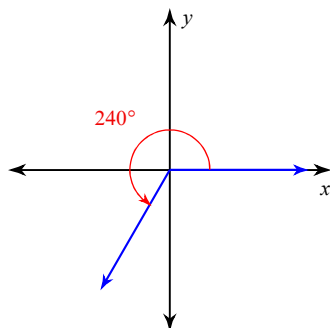
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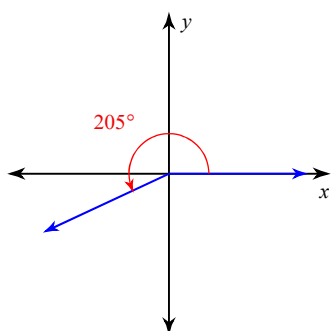
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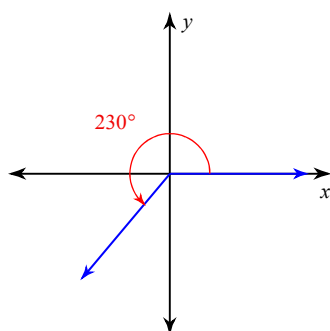
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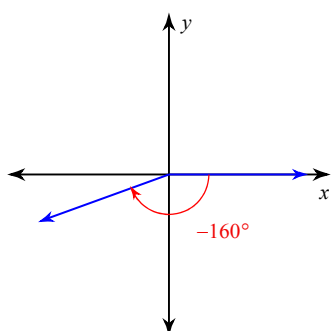
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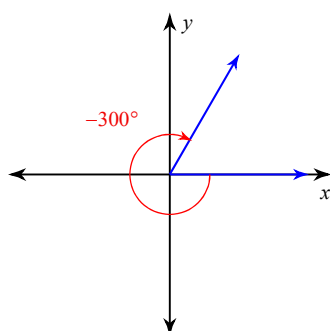
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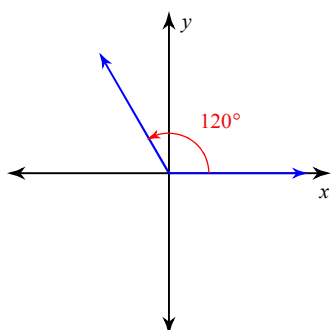
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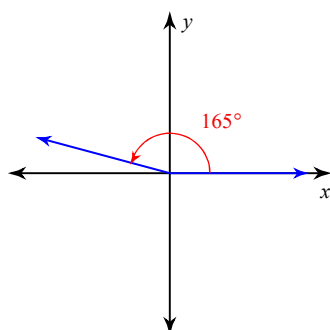
16)



17)

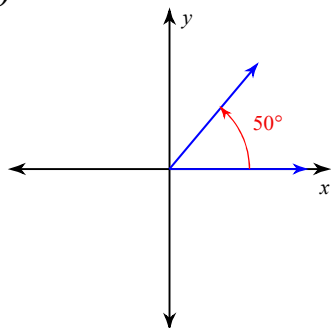


18)

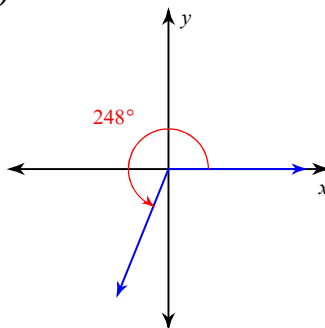


Find the sin, cos or tan of the given angle. First find the reference angle. Then use "ASTC" to give it the correct SIGN. You should use your trig. table and only the features of an add/subtract calculator. You may check your answers with a scientific calculator. Round your answers to the nearest ten-thousandth.

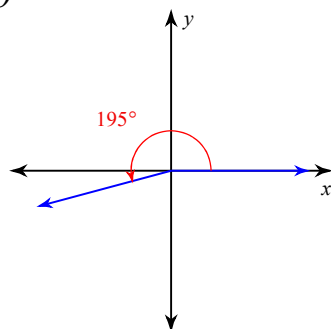
19) $\sin \theta$



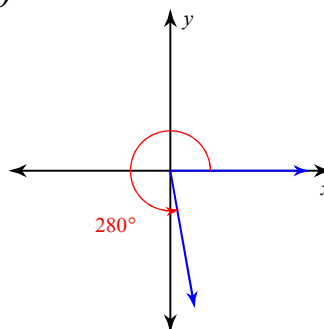
20) $\cos \theta$



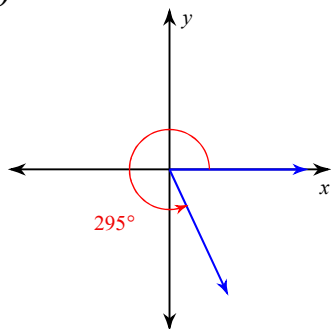
21) $\tan \theta$



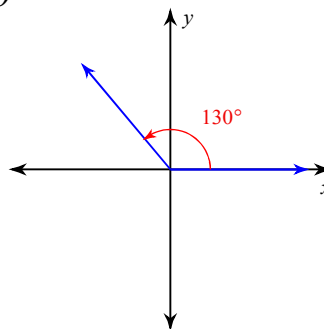
22) $\sin \theta$



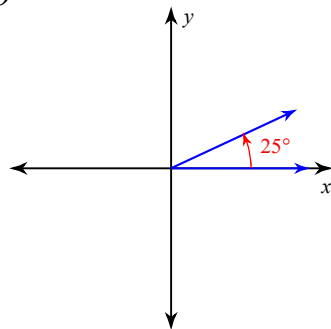
23) $\sin \theta$



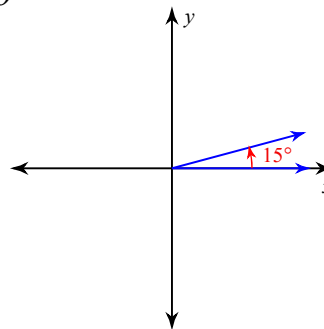
24) $\sin \theta$



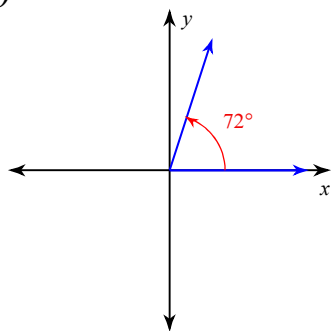
25) $\tan \theta$



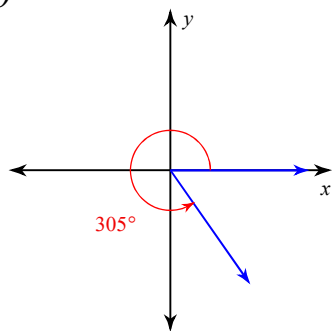
26) $\tan \theta$



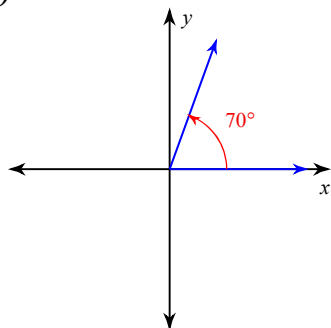
27) $\cos \theta$



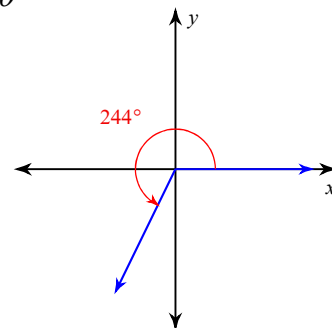
28) $\sin \theta$



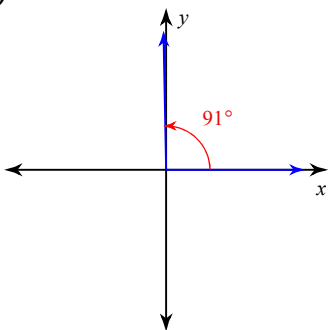
29) $\cos \theta$



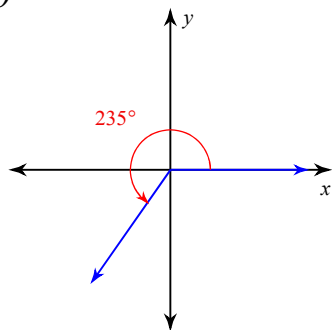
30) $\cos \theta$



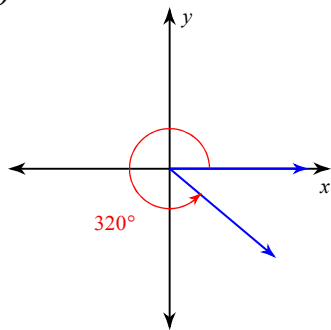
31) $\tan \theta$



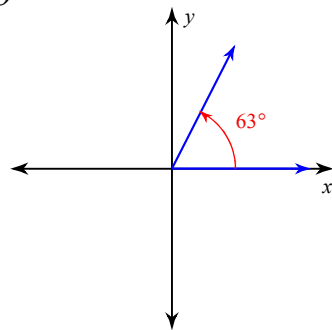
32) $\sin \theta$



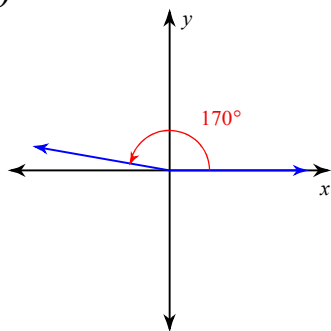
33) $\cos \theta$



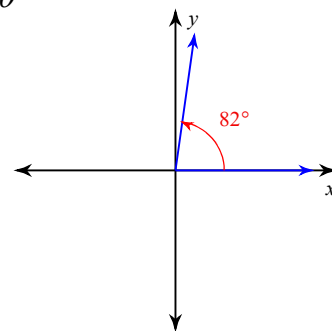
34) $\tan \theta$



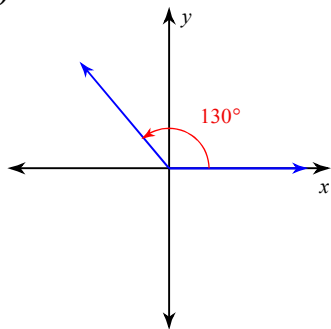
35) $\cos \theta$



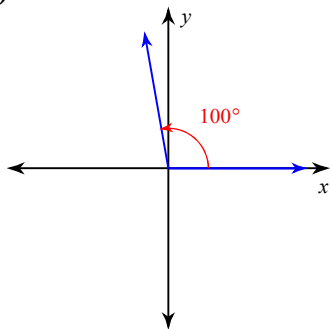
36) $\cos \theta$



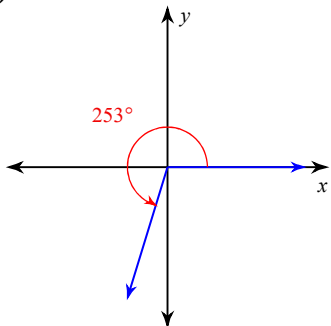
37) $\tan \theta$



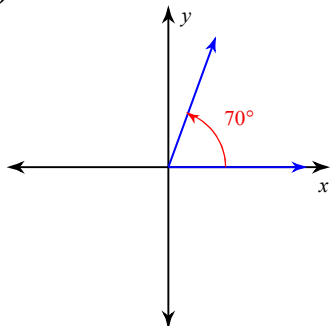
38) $\sin \theta$



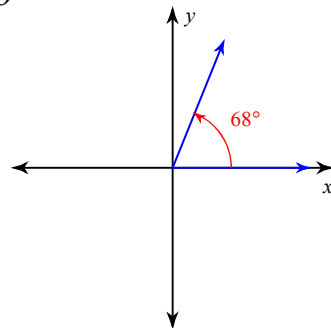
39) $\sin \theta$



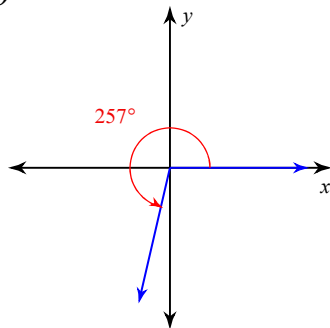
40) $\sin \theta$



41) $\cos \theta$



42) $\tan \theta$



43) $\tan 247^\circ$

44) $\sin 160^\circ$

45) $\cos 58^\circ$

46) $\sin 70^\circ$

47) $\tan 340^\circ$

48) $\tan 229^\circ$

49) $\tan 70^\circ$

50) $\sin 35^\circ$

51) $\tan 80^\circ$

52) $\tan 100^\circ$

53) $\cos 224^\circ$

54) $\cos 170^\circ$

55) $\sin 270^\circ$

56) $\cos 260^\circ$

57) $\cos 234^\circ$

58) $\tan 81^\circ$

59) $\sin 95^\circ$

60) $\cos 238^\circ$

61) $\cos 310^\circ$

62) $\sin 350^\circ$

63) $\cos 30^\circ$

64) $\tan 53^\circ$

65) $\sin 62^\circ$

66) $\cos 230^\circ$

Answers to Week 5 Practice - Sin, Cos, Tan of "ANY" angle. (ID: 1)

1) 55°	2) 65°	3) 80°	4) 55°
5) 5°	6) 80°	7) 15°	8) 65°
9) 35°	10) 45°	11) 10°	12) 60°
13) 25°	14) 50°	15) 20°	16) 60°
17) 60°	18) 15°	19) 0.7660	20) -0.3746
21) 0.2679	22) -0.9848	23) -0.9063	24) 0.7660
25) 0.4663	26) 0.2679	27) 0.3090	28) -0.8192
29) 0.3420	30) -0.4384	31) -57.2900	32) -0.8192
33) 0.7660	34) 1.9626	35) -0.9848	36) 0.1392
37) -1.1918	38) 0.9848	39) -0.9563	40) 0.9397
41) 0.3746	42) 4.3315	43) 2.3559	44) 0.3420
45) 0.5299	46) 0.9397	47) -0.3640	48) 1.1504
49) 2.7475	50) 0.5736	51) 5.6713	52) -5.6713
53) -0.7193	54) -0.9848	55) -1.0000	56) -0.1736
57) -0.5878	58) 6.3138	59) 0.9962	60) -0.5299
61) 0.6428	62) -0.1736	63) 0.8660	64) 1.3270
65) 0.8829	66) -0.6428		