1. The radius of the unit circle is \_\_\_\_\_\_\_\_\_\_\_.
2. The circumference of the unit circle is \_\_\_\_\_\_\_\_\_\_\_\_\_.
3. The largest value of sine is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. The smallest value of cosine is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. As angles increase from 0 to π what happens to:
	1. The value of sine?
	2. The value of cosine?
6. In which quadrants do sine and cosine have the same sign?
7. Name two angles that have:
	1. A sine value of $\frac{\sqrt{2}}{2}$
	2. A tangent value of $\frac{\sqrt{3}}{3}$
	3. A cosine value of $-\frac{\sqrt{3}}{2}$
	4. A sine value of 2
8. a. $sinπ$ b. $tan\frac{4π}{3}$ c. $\sin(\frac{5π}{6})$ d. $cos\frac{π}{4}$

e. $tan\frac{π}{2}$ f. $cos\frac{11π}{3}$ g. $sin\frac{2π}{3}$ h. $cos\frac{8π}{4}$

i. $tan\frac{5π}{3}$ j. $cosπ$ k. $cos\frac{4π}{3}$ l. $tan\frac{2π}{3}$