Name: $\qquad$
1.

$\cos 30^{\circ}=\quad \sec 30^{\circ}=$
$\tan 30^{\circ}=\quad \cot 30^{\circ}=$

Points: $\qquad$
2.
$\sin 45^{\circ}=$
$\csc 45^{\circ}=$
$\cos 45^{\circ}=$ $\sec 45^{\circ}=$
$\tan 45^{\circ}=$ $\cot 45^{\circ}=$
3. Graph of a Sine Function

$\sin 0^{\circ}=$
$\sin 90^{\circ}=$
$\sin 180^{\circ}=$
$\sin 270^{\circ}=$
$\sin 360^{\circ}=$
4. Graph of a Cosine Function

$\cos 0^{\circ}=$
$\cos 90^{\circ}=$
$\cos 180^{\circ}=$
$\cos 270^{\circ}=$
$\cos 360^{\circ}=$
5.Change to radians
a. $330^{\circ}$
a. $\frac{\pi}{5}$
b. $225^{\circ}$
b. $\frac{5 \pi}{3}$
c. $-160^{\circ}$
c. $-\frac{4 \pi}{5}$
7. A line passing through point $(2,-3)$. Find the six trigonometric functions.

7. A line passing through point $(-\sqrt{10},-4)$. Find the six trigonometric functions.


Anglin. W.S. (1994). Mathematics: A concise history and philosophy. New York, NY: Springer Verlag.
Smith. D.E. (1958). History of mathematics, Vol. II. New York, NY: Dover Publications.

