

Name \_\_\_\_\_

Due Date \_\_\_\_\_

Block \_\_\_\_\_

### Graphing Trigonometric Functions #1

Graph within the given domain:

1.  $f(x) = \sin x \quad -360^\circ \leq x \leq 360^\circ$

2.  $f(x) = \sin 2x \quad -360^\circ \leq x \leq 360^\circ$

3.  $f(x) = \sin 3x \quad 0 \leq x \leq 360^\circ$

4.  $f(x) = \cos x \quad 0 \leq x \leq 180^\circ$

5.  $f(x) = \cos 2x \quad -360^\circ \leq x \leq 360^\circ$

6.  $f(x) = 3 \sin x \quad 0 \leq x \leq 360^\circ$

7.  $f(x) = 2 \cos 3x \quad -180^\circ \leq 0 \leq 180^\circ$

8.  $f(x) = 4 \cos(2x) \quad 0 \leq x \leq 360^\circ$