* Linear - Constant rate of change $\frac{y-y}{x-x} = m$

$\left(-4, \frac{1}{32}\right), \left(-2, \frac{1}{8}\right), \left(0, \frac{1}{2}\right), (2, 2), (4, 8)$

x	y
-4	$\frac{1}{32}$
-2	$\frac{1}{8}$
0	$\frac{1}{2}$
2	2
4	8

NO

b. $(-4, 1), (-2, 2), (0, 3), (2, 4), (4, 5)$

-4	1
-2	2
0	3
2	4
4	5

yes

c. $(-4, 5), (-2, 2), (0, 1), (2, 2), (4, 5)$

-4	5
-2	2
0	1
2	2
4	5

NO

x	−2	−1	0	1
y	0.08	0.4	2	10

-2	.08
-1	.4
0	2
1	10

NO

x	−2	−1	0	1	2
y	2	0.5	0	0.5	2

-2	2
-1	.5
0	0
1	.5
2	2

NO

3.

x	−3	−2	−1	0	1
y	−7	−5	−3	−1	1

-3	-7
-2	-5
-1	-3
0	-1
1	1

yes

Interval Notation

* For domain and range when there are not specific values

* Just give the stopping points or "range" of values for both

( ): For ∞ and O ← open circle

[ ]: For solid lines and ● ← closed circle

Domain - x-values

Range - y-values