

Provide the missing equation(s), graph, table, intercepts, and/or slope:

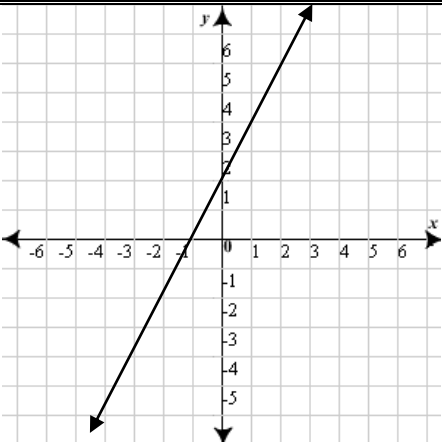
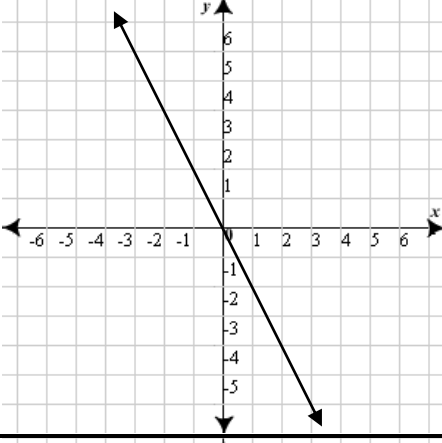
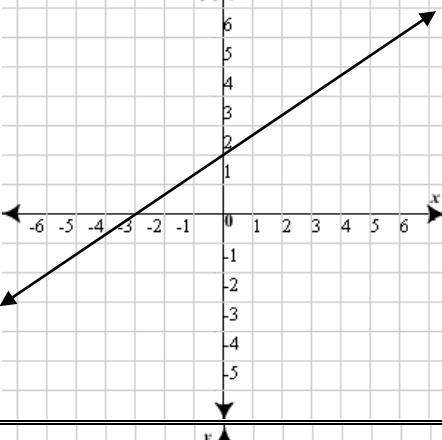
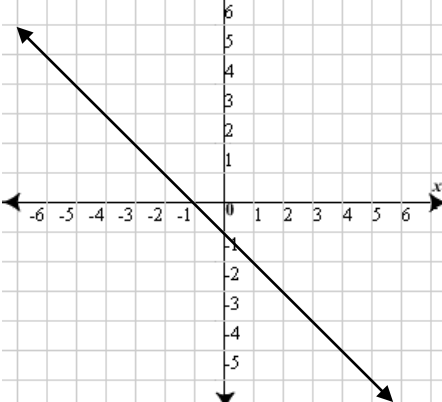
Equations	Table	Graph	Intercepts/Slope												
Standard Format: $2x - y = -2$ Slope Intercept Format:	<table><tr><th>x</th><th>y</th></tr><tr><td></td><td>0</td></tr><tr><td>0</td><td></td></tr><tr><td>1</td><td></td></tr><tr><td>-3</td><td></td></tr><tr><td>3</td><td></td></tr></table>	x	y		0	0		1		-3		3			x-intercept = (____, 0) y-intercept = (0, ____) m = _____
x	y														
	0														
0															
1															
-3															
3															
Standard Format: Slope Intercept Format:	<table><tr><th>x</th><th>y</th></tr><tr><td>0</td><td>0</td></tr><tr><td>-1</td><td>2</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>-3</td><td>6</td></tr><tr><td>3</td><td>-6</td></tr></table>	x	y	0	0	-1	2	1	-2	-3	6	3	-6		x-intercept = (____, 0) y-intercept = (0, ____) m = _____
x	y														
0	0														
-1	2														
1	-2														
-3	6														
3	-6														
Standard Format: Slope Intercept Format:	<table><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td></td></tr><tr><td>0</td><td></td></tr><tr><td>3</td><td></td></tr><tr><td>-6</td><td></td></tr><tr><td>6</td><td></td></tr></table>	x	y	-3		0		3		-6		6			x-intercept = (____, 0) y-intercept = (0, ____) m = _____
x	y														
-3															
0															
3															
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Standard Format: Slope Intercept Format:	<table><tr><th>x</th><th>y</th></tr><tr><td></td><td>0</td></tr><tr><td>0</td><td></td></tr><tr><td>1</td><td></td></tr><tr><td>-3</td><td></td></tr><tr><td>3</td><td></td></tr></table>	x	y		0	0		1		-3		3			x-intercept = (-1, 0) y-intercept = (0, -1) m = _____
x	y														
	0														
0															
1															
-3															
3															

Name: _____

Representing Linear Equations

Date/Period: _____

KEY:

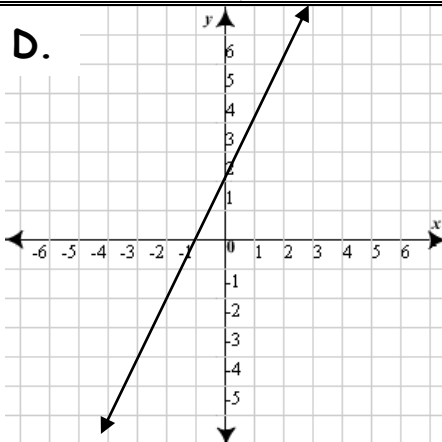
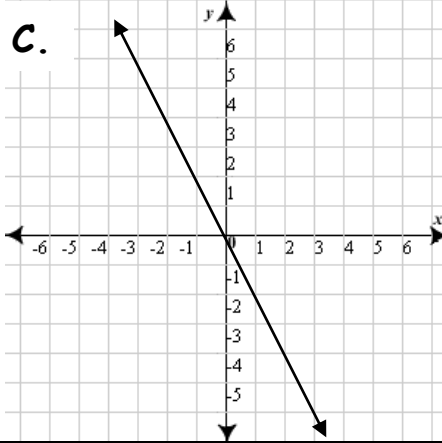
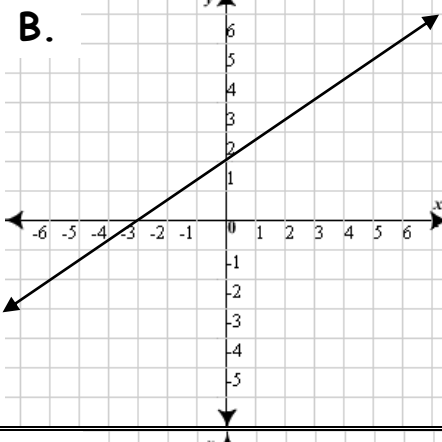
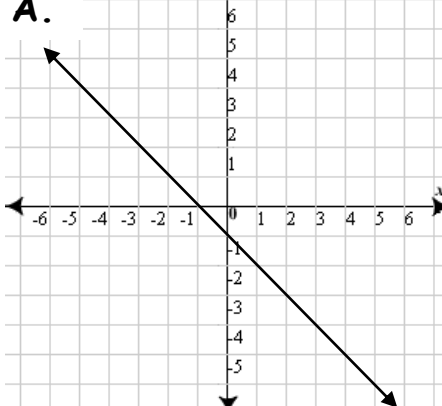
Equations	Table	Graph	Intercepts/Slope												
Standard Format: $2x - y = -2$ Slope Intercept Format: $y = 2x + 2$	<table><tr><td>x</td><td>y</td></tr><tr><td>-1</td><td>0</td></tr><tr><td>0</td><td>2</td></tr><tr><td>1</td><td>4</td></tr><tr><td>-3</td><td>-4</td></tr><tr><td>3</td><td>8</td></tr></table>	x	y	-1	0	0	2	1	4	-3	-4	3	8		x-intercept = (-1, 0) y-intercept = (0, 2) $m = 2$
x	y														
-1	0														
0	2														
1	4														
-3	-4														
3	8														
Standard Format: $2x + y = 0$ Slope Intercept Format: $y = -2x$	<table><tr><td>x</td><td>y</td></tr><tr><td>0</td><td>0</td></tr><tr><td>-1</td><td>2</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>-3</td><td>6</td></tr><tr><td>3</td><td>-6</td></tr></table>	x	y	0	0	-1	2	1	-2	-3	6	3	-6		x-intercept = (0, 0) y-intercept = (0, 0) $m = -2$
x	y														
0	0														
-1	2														
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Standard Format: $2x - 3y = -6$ Slope Intercept Format: $y = \frac{2x}{3} + 2$	<table><tr><td>x</td><td>y</td></tr><tr><td>-3</td><td>0</td></tr><tr><td>0</td><td>2</td></tr><tr><td>3</td><td>4</td></tr><tr><td>-6</td><td>-2</td></tr><tr><td>6</td><td>6</td></tr></table>	x	y	-3	0	0	2	3	4	-6	-2	6	6		x-intercept = (-3, 0) y-intercept = (0, 2) $m = \frac{2}{3}$
x	y														
-3	0														
0	2														
3	4														
-6	-2														
6	6														
Standard Format: $x + y = -1$ Slope Intercept Format: $y = -x - 1$	<table><tr><td>x</td><td>y</td></tr><tr><td>-1</td><td>0</td></tr><tr><td>0</td><td>-1</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>-3</td><td>2</td></tr><tr><td>3</td><td>-4</td></tr></table>	x	y	-1	0	0	-1	1	-2	-3	2	3	-4		x-intercept = (-1, 0) y-intercept = (0, -1) $m = -1$
x	y														
-1	0														
0	-1														
1	-2														
-3	2														
3	-4														

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KEY:

Equations	Table	Graph	Intercepts/Slope												
A. Standard Format: $2x - y = -2$ Slope Intercept Format: $y = 2x + 2$	C. <table><tr><td>x</td><td>y</td></tr><tr><td>-1</td><td>0</td></tr><tr><td>0</td><td>2</td></tr><tr><td>1</td><td>4</td></tr><tr><td>-3</td><td>-4</td></tr><tr><td>3</td><td>8</td></tr></table>	x	y	-1	0	0	2	1	4	-3	-4	3	8	D. 	B. x-intercept = $(-1, 0)$ y-intercept = $(0, 2)$ $m = 2$
x	y														
-1	0														
0	2														
1	4														
-3	-4														
3	8														
B. Standard Format: $2x + y = 0$ Slope Intercept Format: $y = -2x$	A. <table><tr><td>x</td><td>y</td></tr><tr><td>0</td><td>0</td></tr><tr><td>-1</td><td>2</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>-3</td><td>6</td></tr><tr><td>3</td><td>-6</td></tr></table>	x	y	0	0	-1	2	1	-2	-3	6	3	-6	C. 	D. x-intercept = $(0, 0)$ y-intercept = $(0, 0)$ $m = -2$
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Cut apart the Equations, Tables, Graphs and Intercepts/Slopes and put together in the correct order:

Equations	Table	Graph	Intercepts/Slope												
A. Standard Format: $2x - y = -2$ Slope Intercept Format: $y = 2x + 2$	A. <table><tr><td>x</td><td>y</td></tr><tr><td>0</td><td>0</td></tr><tr><td>-1</td><td>2</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>-3</td><td>6</td></tr><tr><td>3</td><td>-6</td></tr></table>	x	y	0	0	-1	2	1	-2	-3	6	3	-6	A.	A. x-intercept = $(-1, 0)$ y-intercept = $(0, 2)$ $m = 2/3$
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Equations	Table	Graph	Intercepts/Slope

Mix and Match Recording Sheet:

Equations	Table	Graph	Intercepts & Slope

Mix and Match Recording Sheet:

Equations	Table	Graph	Intercepts & Slope

Mix and Match Recording Sheet:

Equations	Table	Graph	Intercepts & Slope

Mix and Match Recording Sheet:

Equations	Table	Graph	Intercepts & Slope

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