

$y = 2x + 1$	$y = 1/2x - 1$	$y = -2x$	$y = -1/2x + 1$																																
y intercept is the cost to park car.	y intercept is temperature at midnight (0 hrs)	y intercept is when missile hits ocean (time = 0)	y intercept is full bucket before water leaks out. (time = 0)																																
Carnival is \$2 per ride and \$1 to park car. Find cost (y) for any number of rides (x)	Temperature increases 1 degree every 2 hours. At midnight it was -1 degrees.	Missile approaches ocean at a rate of 2 miles per minute. It was launched 2 minutes ago. (-2 min)	Water leaks out of bucket at a rate of 1 ounce every 2 minutes. It's empty after 2 minutes.																																
<table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>0</td><td>1</td></tr> <tr><td>1</td><td>3</td></tr> <tr><td>2</td><td>5</td></tr> </tbody> </table>	x	y	0	1	1	3	2	5	<table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>0</td><td>-1</td></tr> <tr><td>2</td><td>0</td></tr> <tr><td>4</td><td>1</td></tr> </tbody> </table>	x	y	0	-1	2	0	4	1	<table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-2</td><td>4</td></tr> <tr><td>1</td><td>2</td></tr> <tr><td>0</td><td>0</td></tr> </tbody> </table>	x	y	-2	4	1	2	0	0	<table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>0</td><td>1</td></tr> <tr><td>2</td><td>0</td></tr> <tr><td>4</td><td>-1</td></tr> </tbody> </table>	x	y	0	1	2	0	4	-1
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