

9-1 Variation Functions

Warm Up

Create a table of values for each function.

1. $y = 2x - 3$

x					
y					

2. $f(x) = 4x - x^2$

x					
f(x)					

9-2 Piecewise Functions

Warm Up

Write the equation of each line in slope-intercept form.

1. slope of 3 and passes through the point (50, 200)
2. slope of $-\frac{1}{2}$ and passes through the point (6, 40)

9-1 Variation Functions

Warm Up

Create a table of values for each function.

1. $y = 2x - 3$

x	1	2	3	4	5
y	-1	1	3	5	7

2. $f(x) = 4x - x^2$

x	1	2	3	4	5
f(x)	3	4	3	0	-5

9-2 Piecewise Functions

Warm Up

Write the equation of each line in slope-intercept form.

1. slope of 3 and passes through the point (50, 200) $y = 3x + 50$

2. slope of $-\frac{1}{2}$ and passes through the point (6, 40)

$$y = -\frac{1}{2}x + 43$$