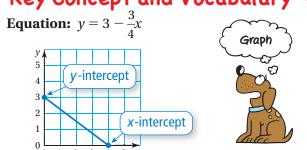
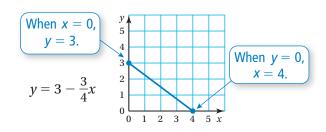
REVIEW: Graphs of Equations

Key Concept and Vocabulary



Visual Model



Skill Example

1. Equation: $y = 3 - \frac{3}{4}x$

х	0	1	2	3	4	5
У	3	$\frac{9}{4}$	$\frac{3}{2}$	$\frac{3}{4}$	0	$-\frac{3}{4}$

Application Example

2. A parachutist's height h (in feet) is given by h = 450 - 15t, where t is the time in seconds. When does the parachutist land?

t	0	5	10	15	20	25	30
h	450	375	300	225	150	75	0

After 30 seconds, the height is 0 feet.

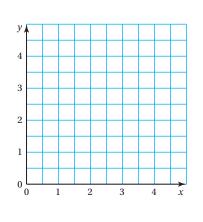
PRACTICE MAKES PURR-FECT

Check your answers at BigIdeasMath.com. —

Complete the table. Then sketch the graph.

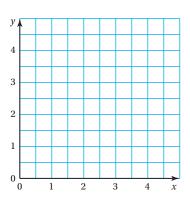
3.
$$y = 4 - x$$

х	У
0	
1	
2	
3	
4	



4.
$$y = \frac{1}{2}x + 2$$

X	У
0	
1	
2	
3	
4	



Find the x-intercept and y-intercept of the graph of the equation.

5.
$$y = 5 - x$$

98

6.
$$y = 5 - \frac{1}{2}y$$

7. PARACHUTE FALL A parachutist's height h (in feet) is given by h = 1000 - 20t, where *t* is the time in seconds. When does the parachutist land?