

**Chapter 3.3**  
**Slope - Answer Key**

1.  $-6/5$

2.  $1/2$

3. undefined

4.  $-10/3$

5. 0

Question number	Slope	y-intercept	x-intercept
6.	-1	(0, 8)	(8, 0)
7.	0	(0, -2)	none
8.	-2	(0, 3)	(1.5, 0)
9.	$-1/4$	(0, 1.5)	(6, 0)
10.	$4/3$	(0, -4)	(3, 0)
11.	$-2/5$	(0, 2)	(5, 0)
12.	undefined	none	(3, 0)
13.	$-20/3$	(0, $8/3$ )	( $2/5$ , 0)
14.	$2/3$	(0, -2)	(3, 0)
15.	$-2/5$	(0, 2)	(5, 0)
16.	2	(0, -2)	(1, 0)
17.	-3	(0, 9)	(3, 0)
18.	2	(0, 1)	(-0.5, 0)
19.	2	(0, $-3/4$ )	( $3/8$ , 0)
20.	0	(0, 6)	none

**Chapter 3.4**  
**Writing Equations of Lines - Answer Key**

1.  $y = 2x + 2$  or  $2x - y = -2$

2.  $y = \frac{1}{4}x - \frac{5}{2}$  or  $x - 4y = 10$

3.  $y = -\frac{1}{2}x$  or  $x + 2y = 0$

4.  $y = -x + 2$  or  $x + y = 2$

5.  $y = \frac{1}{3}x + 2$  or  $x - 3y = -6$

6.  $x = 2$

