	Identifying Rate of Change (Description)  Name:			
Identify the rate of change for each equation.				
1)	The Y Intercept is -4. While X decreases by 9, Y increases by 9.			
,		1.		
2)	The Y Intercept is 3. While X decreases by 9, Y increases by 4.	-		
ŕ		$\ _{2}$		
3)	The Y Intercept is -4. While X decreases by 8, Y increases by 1.			
,		3.		
4)	The Y Intercept is 2. While X increases by 4, Y decreases by 2.	" -		
,	The Timereope is 2. White It increases by 1, T decreases by 2.			
5)	The Y Intercept is 2. While X increases by 9, Y increases by 3.			
- /	The Timereape is 2. White It increases by 5, Timereapes by 5.	5.		
6)	The Y Intercept is -9. While X increases by 3, Y decreases by 4.	3		
-,	The 1 intercept is 5. White 11 increases by 5, 1 decreases by 1.	6.		
7)	The Y Intercept is 2. While X decreases by 8, Y increases by 4.	0		
- /	The Timerecept is 2. Willie II decreases by 6, Timereases by 1.			
8)	The Y Intercept is 7. While X decreases by 7, Y increases by 8.	' -		
0)	The 1 intercept is 7. while A decreases by 7, 1 increases by 6.			
9)	The Y Intercept is -8. While X decreases by 5, Y decreases by 6.	8. –		
7)	The 1 intercept is -6. While X decreases by 5, 1 decreases by 6.			
10)	The Y Intercept is -7. While X decreases by 3, Y increases by 4.	9. –		
10)	The 1 intercept is -7. While X decreases by 3, 1 increases by 4.			
11)	The Y Intercept is -1. While X increases by 3, Y increases by 4.	10. –		
11)	The 1 intercept is -1. While X increases by 3, 1 increases by 4.			
12)	The Y Intercept is 1. While X decreases by 8, Y decreases by 6.	11. –		
12)	The 1 intercept is 1. While A decreases by 8, 1 decreases by 6.			
13)	The V Intercent is 2 While V decreases by 6 V increases by 5	12. –		
13)	The Y Intercept is -3. While X decreases by 6, Y increases by 5.			
14)	The V Intercent is A. While V increases by O. V. decreases by 7	13. –		
1 <b>7</b> )	The Y Intercept is -4. While X increases by 9, Y decreases by 7.			
15)	The V Intercent is 5 While V decreases by 6 V increases by 5	14. –		
13)	The Y Intercept is 5. While X decreases by 6, Y increases by 5.			
16)	The V Intercent is A While V increases by 2 V increases by 2	15		
16)	The Y Intercept is -4. While X increases by 3, Y increases by 2.			

	Answers
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The Y Intercept is -10. While X increases by 8, Y increases by 4.

The Y Intercept is 6. While X increases by 8, Y decreases by 6.

The Y Intercept is 6. While X increases by 2, Y decreases by 1.

The Y Intercept is 8. While X increases by 6, Y increases by 6.

- The Y Intercept is 3. While X decreases by 9, Y increases by 4.
- The Y Intercept is -4. While X decreases by 8, Y increases by 1.
- The Y Intercept is 2. While X increases by 4, Y decreases by 2.
- The Y Intercept is 2. While X increases by 9, Y increases by 3.
- The Y Intercept is -9. While X increases by 3, Y decreases by 4.
- The Y Intercept is 2. While X decreases by 8, Y increases by 4.
- The Y Intercept is 7. While X decreases by 7, Y increases by 8.
- The Y Intercept is -8. While X decreases by 5, Y decreases by 6.
- **10**) The Y Intercept is -7. While X decreases by 3, Y increases by 4.
- 11) The Y Intercept is -1. While X increases by 3, Y increases by 4.
- The Y Intercept is 1. While X decreases by 8, Y decreases by 6.
- **13**) The Y Intercept is -3. While X decreases by 6, Y increases by 5.
- 14) The Y Intercept is -4. While X increases by 9, Y decreases by 7.
- The Y Intercept is 5. While X decreases by 6, Y increases by 5.
- The Y Intercept is -4. While X increases by 3, Y increases by 2.
- **17**) The Y Intercept is -10. While X increases by 8, Y increases by 4.
- **18**) The Y Intercept is 6. While X increases by 8, Y decreases by 6.
- 19) The Y Intercept is 6. While X increases by 2, Y decreases by 1.
- The Y Intercept is 8. While X increases by 6, Y increases by 6.

## <u>Answers</u>

- 11.
- 12.
- 13.

- 17.
- 18.
- 20.