

**Graphing Worksheet 20**

Use the given information to write the equation in slope-intercept form.

**1.**

$x$	-2	3	8	13	18
$y$	-6	1	8	15	22

**2.**

$x$	-5	5	15	25	35
$y$	-3	5	13	21	29

**3.**

$x$	-2	1	4	7	10
$y$	-8	-7	-6	-5	-4

**4.**

$x$	6	-2	-10	-18	-26
$y$	2	-2	-6	-10	-14

**5.**

$x$	-7	-2	3	8	13
$y$	-5	-8	-11	-14	-17

**6.**

$x$	-2	1	4	7	10
$y$	-7	-6	-5	-4	-3

**7.**

$x$	-8	-8	-8	-8	-8
$y$	1	-5	-11	-17	-23

**8.**

$x$	-9	-1	7	15	23
$y$	-5	9	23	37	51

**9.**

$x$	1	-5	-11	-17	-23
$y$	7	-5	-17	-29	-41

**10.** passes through  
 $(9, 9)$  and  $(-7, 0)$

**11.** passes through  
 $(-2, 5)$  and  $(-10, -3)$

**12.** passes through  
 $(10, -6)$  and  $(6, 9)$

**13.** passes through  
 $(-6, -3)$  and  $(-10, 9)$

**14.** passes through  
 $(-8, -10)$  and  $(1, 7)$

**15.** passes through  
 $(10, -5)$  and  $(-5, -8)$

**16.** passes through  
 $(-9, 5)$  and  $(-10, -2)$

**17.** passes through  
 $(-4, 10)$  and  $(-10, 7)$

**18.** passes through  
 $(-10, 7)$  and  $(-4, 10)$