

Determine the slope of the line represented by the table of values.

1.

x	y
-2	3
-1	5
0	7
1	9
2	11

$m = 2$

2.

x	y
-3	5
-2	2
-1	-1
0	-4
1	-7

$m = -3$

3.

x	y
1	-17
2	-13
3	-9
4	-5
5	-1

$m = 4$

4.

x	y
-6	-4
-5	-9
-4	-14
-3	-19
-2	-24

$m = -5$

5.

x	y
0	3
1	5.5
2	8
3	10.5
4	13

$m = 2.5$

6.

x	y
-2	5
-1	4.75
0	4.5
1	4.25
2	4

$m = -0.25$

7.

x	y
-2	$\frac{2}{5}$
-1	$\frac{4}{5}$
0	$\frac{6}{5}$
1	$\frac{8}{5}$

$m = \frac{2}{5}$

8.

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

$m = \frac{1}{2}$

TABLE

9.

x	y
-5	10
-2	5
1	0
4	-5
7	-10

$m = -\frac{5}{3}$

10.

x	y
-5	10
-3	6
-1	2
1	-2
3	-6

$m = -\frac{4}{2} = -2$

11.

x	y
-4	6
-2	6
0	6
2	6
4	6

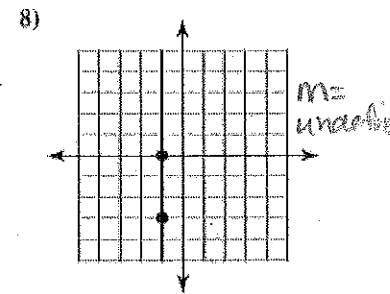
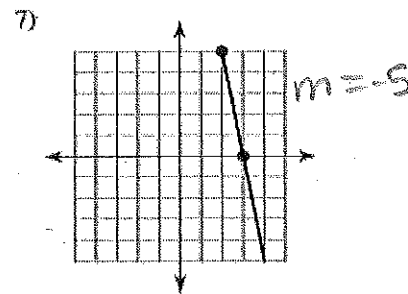
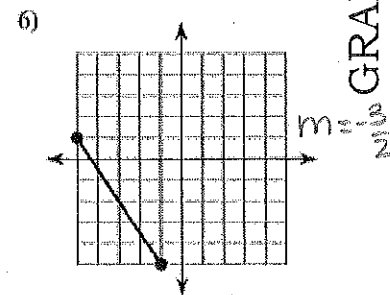
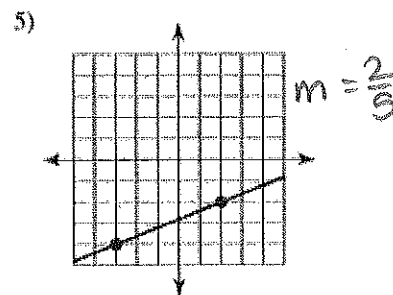
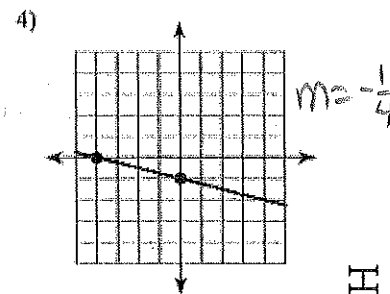
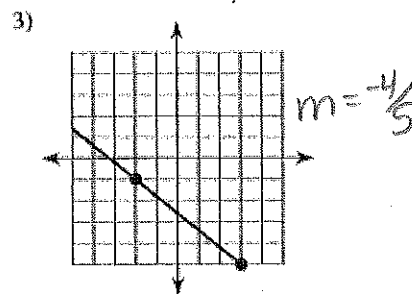
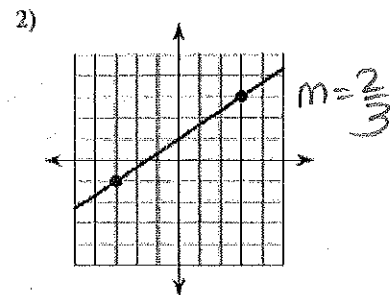
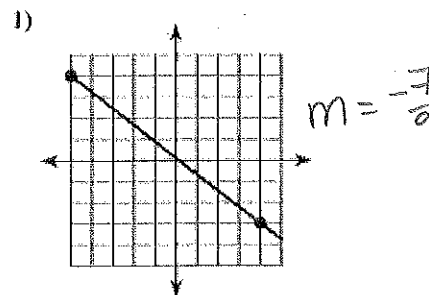
$m = \frac{0}{2} = 0$

12.

x	y
5	2
5	4
5	6
5	8
5	10

$m = \frac{2}{0} = \text{undefined}$

Find the slope of each line.



GRAPH

8.

x	3	6	9	12
y	12	10	8	6

$m = -2/3$

9.

x	1	2	3	4
y	1	4	9	16

nonlinear
(cant write slope)

10.

x	5	10	15	20
y	13	28	43	58

$m = \frac{15}{5} = 3$

11.

x	1	3	5	7
y	-2	-18	-50	-98

nonlinear

12.

x	2	4	6	8
y	10	12	16	24

nonlinear

13.

x	4	8	12	16
y	3	0	-3	-6

$m = -3/4$

F

x	y
2	$\frac{1}{4}$
4	$\frac{1}{8}$
6	$\frac{1}{12}$
8	$\frac{1}{16}$
10	$\frac{1}{20}$

nonlinear

H

x	y
3	$\frac{15}{7}$
6	$\frac{12}{7}$
9	$\frac{9}{7}$
12	$\frac{6}{7}$
15	$\frac{3}{7}$

$m = -1/7$

