

Algebra 1
Section 4.2 p185 (#2)

Name _____

5.
m = _____ point: _____

EQ (point-slope):

7.
m = _____ point: _____

EQ (point-slope):

17.
m = _____ point: _____

EQ (slope-intercept):

23.
m = _____ point: _____

EQ (slope-intercept):

27.

x	2	4	6	8	10
y	-1	5	15	29	47

Linear: yes or no

If yes, find the equation:

28.

x	-3	-1	1	3	5
y	16	10	4	-2	-8

Linear: yes or no

If yes, find the equation:

29.

x	y
0	1.2
1	1.4
2	1.6
4	2

Linear: yes or no

If yes, find the equation:

30.

x	y
1	18
2	15
4	12
8	9

Linear: yes or no

If yes, find the equation:

32.

34a.

Days	2	4	6	8
Total cost (dollars)	246	450	654	858

34b.

34c.

Write an equation of a line that passes through the given point and is parallel to the given equation. (Remember, parallel lines have the same slope.)

1. $(5, -2)$; parallel to $y = 2x - 8$ 2. $(-6, 4)$; parallel to $y = \frac{1}{2}x + 6$