

**Algebra 1**  
**Section 4.2 p185 (#1)**

Name \_\_\_\_\_

1.
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4. m = _____ point: _____ EQ (point-slope):	6. m = _____ point: _____ EQ (point-slope):
8. m = _____ point: _____ EQ (point-slope):	10. m = _____ point: _____ EQ (point-slope):

12. m = _____ point: _____ EQ (slope-intercept):	14. m = _____ point: _____ EQ (slope-intercept):
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16.  
m = \_\_\_\_\_ point: \_\_\_\_\_

EQ (slope-intercept):

18.  
m = \_\_\_\_\_ point: \_\_\_\_\_

EQ (slope-intercept):

20.  
m = \_\_\_\_\_ point: \_\_\_\_\_

EQ (slope-intercept):

22.  
m = \_\_\_\_\_ point: \_\_\_\_\_

EQ (slope-intercept):

24.  
m = \_\_\_\_\_ point: \_\_\_\_\_

EQ (slope-intercept):

26.  
m = \_\_\_\_\_ point: \_\_\_\_\_

EQ (slope-intercept):

**Algebra 1**  
**Section 4.2 p185 (#2)**

Name \_\_\_\_\_

5. m = _____ point: _____  EQ (point-slope):	7. m = _____ point: _____  EQ (point-slope):
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17. m = _____ point: _____  EQ (slope-intercept):	23. m = _____ point: _____  EQ (slope-intercept):
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27. <table border="1" data-bbox="196 1373 639 1482"><tr><td><b>x</b></td><td>2</td><td>4</td><td>6</td><td>8</td><td>10</td></tr><tr><td><b>y</b></td><td>-1</td><td>5</td><td>15</td><td>29</td><td>47</td></tr></table> Linear: yes or no  If yes, find the equation:	<b>x</b>	2	4	6	8	10	<b>y</b>	-1	5	15	29	47	28. <table border="1" data-bbox="850 1367 1294 1476"><tr><td><b>x</b></td><td>-3</td><td>-1</td><td>1</td><td>3</td><td>5</td></tr><tr><td><b>y</b></td><td>16</td><td>10</td><td>4</td><td>-2</td><td>-8</td></tr></table> Linear: yes or no  If yes, find the equation:	<b>x</b>	-3	-1	1	3	5	<b>y</b>	16	10	4	-2	-8
<b>x</b>	2	4	6	8	10																				
<b>y</b>	-1	5	15	29	47																				
<b>x</b>	-3	-1	1	3	5																				
<b>y</b>	16	10	4	-2	-8																				

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.

<b>Days</b>	2	4	6	8
<b>Total cost (dollars)</b>	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  $y = \frac{1}{2}x + 6$