## Identify the rate of change for each equation.

Answers

1) The $Y$ Intercept is -5 . While $X$ decreases by $6, Y$ decreases by 5
2) The $Y$ Intercept is 6 . While $X$ increases by $2, Y$ increases by 8
3) The $Y$ Intercept is 2 . While $X$ decreases by $4, Y$ increases by 7
4) The Y Intercept is -4 . While X decreases by $2, \mathrm{Y}$ increases by 6
5) The $Y$ Intercept is -3 . While $X$ decreases by $2, Y$ decreases by 1
6) The Y Intercept is 6 . While X decreases by $7, \mathrm{Y}$ increases by 3
7) The $Y$ Intercept is 1 . While $X$ decreases by $3, Y$ increases by 5
8) The Y Intercept is 10 . While X increases by $9, \mathrm{Y}$ increases by 6
9) The Y Intercept is -2 . While X increases by $10, \mathrm{Y}$ increases by 7
10) The $Y$ Intercept is -10 . While $X$ decreases by $1, Y$ increases by 6
11) The $Y$ Intercept is -3 . While $X$ decreases by $8, Y$ decreases by 8
12) The $Y$ Intercept is 8 . While $X$ increases by 5 , $Y$ increases by 9
13) The $Y$ Intercept is -7 . While $X$ decreases by $1, Y$ decreases by 8
14) The $Y$ Intercept is -3 . While $X$ decreases by $8, Y$ decreases by 4
15) The $Y$ Intercept is -1 . While $X$ decreases by $3, Y$ increases by 6
16) The $Y$ Intercept is -2. While $X$ increases by $3, Y$ increases by 9
17) The $Y$ Intercept is 9 . While $X$ increases by $8, Y$ decreases by 10
18) The $Y$ Intercept is 8 . While $X$ increases by $3, Y$ decreases by 9
19) The $Y$ Intercept is -7 . While $X$ increases by $8, Y$ decreases by 10
20) The $Y$ Intercept is 2 . While $X$ decreases by 3 , $Y$ decreases by 5

| $1-10$ | 95 | 90 | 85 | 80 | 75 | 70 | 65 | 60 | 55 | 50 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $11-20$ | 45 | 40 | 35 | 30 | 25 | 20 | 15 | 10 | 5 | 0 |
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|  |  |  |  |  |  |  |  |  |  |  |

