

CW 6b Algebra I**Graphing, determining y-intercept and slope**

a) Decide which form each of the following are in (slope-intercept, point-slope, standard, or special case)

b) Graph each by the best method given the form.

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|-----------------|----------------------------------|----------------------------|
| 1) $y = -x + 2$ | 2) $y + 2 = \frac{-1}{2}(x - 1)$ | 6) $x - y = -3$ |
| 4) $y = 2$ | 5) $3x - y = -6$ | 3) $y = -\frac{3}{2}x + 4$ |

For each problem, find the y-intercept.

| | | |
|------------------------------|---------------------|-----------------------|
| 7) $y = -\frac{16}{5}x + 13$ | 8) $-3x + 2y = -14$ | 9) $y - 2 = 3(x + 1)$ |
|------------------------------|---------------------|-----------------------|

10. Find the slope.

$$2x + 5y = 14$$