Find the slope, x-intercept and y-intercept for each line.

1) $y = -\frac{5}{2}x - 5$

slope = $-\frac{5}{2}$
y-int: $(0,-5)$
x-int: $(-2,0)$

2) $y = -\frac{4}{3}x - 1$

slope: $-\frac{4}{3}$
y-int = $(0,-1)$
x-int: $(-\frac{3}{4},0)$

3) $y = -x + 3$

slope = -1
y-int: $(0,3)$
x-int: $(3,0)$

4) $y = -4x - 1$

slope = -4
y-int: $(0,-1)$
x-int: $(-\frac{1}{4},0)$

5) $2x - y = 1$

slope = 2
y-int: $(0,1)$
x-int: $(\frac{1}{2},0)$

6) $x + 2y = -8$

$y = -\frac{1}{2}x - 4$
slope = $-\frac{1}{2}$
y-int: $(0,-4)$
x-int: $(-8,0)$

7) $8x + 3y = -9$

$y = -\frac{8}{3}x - 3$
slope = $-\frac{8}{3}$
y-int: $(0,-3)$
x-int: $(-\frac{9}{8},0)$

8) $4x + 5y = -10$

slope = $-\frac{4}{5}$
y-int: $(0,-2)$
x-int: $(-2.5,0)$

9) $x - y = -2$

$y = x + 2$
slope = 1
y-int: $(0,2)$
x-int: $(-2,0)$

10) $4x - 3y = 9$

slope = $\frac{4}{3}$
y-int: $(0,-3)$
x-int: $(\frac{9}{4},0)$

11) $3x + 2y = 6$

slope $= -\frac{3}{2}$
y-int: $(0, 3)$
x-int: $(2, 0)$

12) $4x - 5y = 0$

slope $= \frac{4}{5}$
y-int: $(0, 0)$
x-int: $(0, 0)$

13) $y = -1$

slope $= 0$
y-int: $(0, -1)$
x-int: none

14) $x + 5y = -15$

slope $= -\frac{1}{5}$
y-int: $(0, -3)$
x-int: $(-15, 0)$

15) $-2y - 10 + 2x = 0$

$y = x - 5$
slope $= 1$
y-int: $(0, -5)$
x-int: $(5, 0)$

16) $x + 5 + y = 0$

slope $= -1$
y-int: $(0, -5)$
x-int: $(-5, 0)$

17) $3x + 20 = -4y$

slope $= -\frac{3}{4}$
y-int: $(0, -5)$
x-int: $(-\frac{20}{3}, 0)$

18) $-15 - x = -5y$

slope $= \frac{1}{5}$
y-int: $(0, 3)$
x-int: $(15, 0)$

19) $-1 = -2x + y$

slope $= 2$
y-int: $(0, -1)$
x-int: $(\frac{1}{2}, 0)$

20) $-x - 1 = y$

slope $= -1$
y-int: $(0, -1)$
x-int: $(-1, 0)$

21) $0 = 5y - x$

slope $= \frac{1}{5}$
y-int: $(0, 0)$
x-int: $(0, 0)$

22) $-30 + 10y = -2x$

slope $= -\frac{1}{5}$
y-int: $(0, 3)$
x-int: $(15, 0)$