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) $x + 2y = -8$

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

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

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: $(-\frac{5}{2}, 0)$

9) $x - y = -2$

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: $(0,-1)$
No x-intercept!

14) $x + 5y = -15$

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

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

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

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

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