P. 194 (35)
$$\frac{1}{12}(48+246) = 2(17-46)$$
 $2 + b = 17 - 46$
 $-2 + 46 - 2 + 46$
 $5b = 15$
 $5b = 15$
 $5n - 2 = 8$
 $5n - 2 = 8$
 $15n - 6 = 8n + 64$
 $-8n + 6 - 8n + 6$
 $7n = 70$
 $7 = 10$

p. 273 (B) slope
$$(-2,0)$$
 and $(4,9)$

$$M = \frac{y_2 - y_1}{x_2 - x_1} = \frac{9 - 0}{4 + t_2} = \frac{9}{6} = \boxed{3}$$

p. 273 (19) graph (slopelinterept)
$$3x - 6y = 9$$

$$-3x$$

$$-6y = -3x + 9$$

$$-6y = -3x + 9$$

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

P. 346 (D) equation for
$$(8, -4)$$
 m=-3

 $y = mx + b$
 $y = -3x + b$
 $-4 = -3(8) + b$
 $-4 = -24 + b$
 $+24 + 24$
 $+20 = b$

P. 346 (2) equation for
$$(9,-2)$$
 $(-3,2)$
 $y = mx + b$
 $y = -\frac{1}{3}x + b$
 $y = -\frac{1}{3}(-3) + b$

(a) equation for
$$(9,-2)$$
 $(-3,2)$
 $y = mx + 6$

$$m = \frac{y_3 - y_1}{x_3 - x_1} = \frac{2 - 2}{-3 - 9} = \frac{4}{-2}$$

$$= -\frac{1}{3}x + 6$$

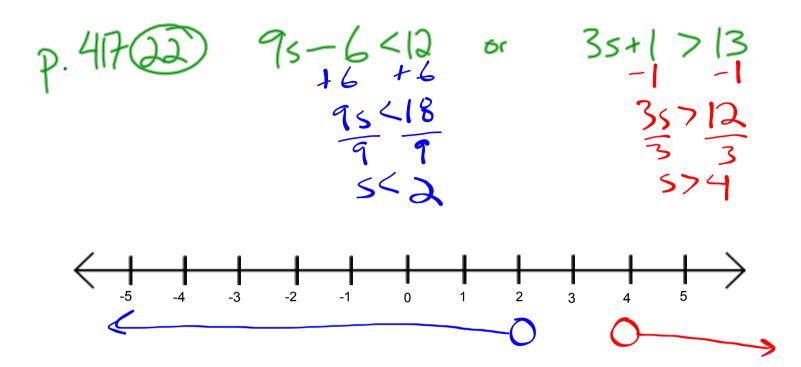
$$= -\frac{1}{3}(-3) + 6$$

$$= -\frac{1}{3}(-3) + 6$$

$$= -\frac{1}{3}(-3) + 6$$

$$= -\frac{1}{3}(-3) + 6$$

P. 347 (9) equation of
$$(2, -3)$$
, $y = -2x - 3$
Parallel - $m = -2$
 $y = -2x + b$
 $-3 = -2(2) + b$
 $-3 = -4 + b$
 $y = -3x + b$



P.418 (43) graph 3x-2y <12 3x-2y<12 -3x

