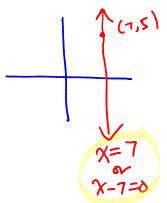
p 392 #10

a) through (7,5) paraelel to X-axis



b) peop to x-anxis



11. Slope of R(4,3) and S(1,5) =  $\frac{5-3}{1-4} = \frac{2}{-3}$ 

$$\frac{ponable 1}{-2-4} = \frac{-2}{3}$$

$$\frac{-16}{1-n} = \frac{-2}{3}$$

$$\frac{-2(1-n) = -18}{-2(1-n) = -16}$$

$$-2(1-n) = -16$$

$$\frac{perp}{-2-4} = \frac{3}{1-h} = \frac{3}{2}$$

$$\frac{-6}{1-h} = \frac{3}{2}$$

$$3(1-h) = -12$$

$$3^{\frac{2}{3}} = -12$$

$$-3 = -15$$

$$h = 5$$

Slope-intercept form

y=mx+b

1) Easy to write aquation when know slope, y-int

1) Easy to write equation when know slope, y-int
1) Easy to write aquation when know slope, y-int 2) Easy to graph. (plot y-int, count slope)
3) ATPP//COLIND.
an Cocher
General Form Ax+By+C=O Ax term positive
1) Converting between firms 2) intercepts (X/Y)
1) Converting between forms 2) intercepts ( × y y - int
xist of o
3) Graph - by converting into y=nx+b - using intercepts 4) Applications
4) Applications
Slope-point form $y-y_1=m(x-x_1)$ = used to find the equation of a line
Equation of a single
1) Given Slope and a point, find equation
1) Given Slope and a point, find equation 2) Given two points. Find equation
Parallel and perpendicular lines
1) Find equation given parallel to, perpto
1) Find equation given parallel to, perpto, tells your Slope
1) Find equation given parallel to, perpto
1) Find equation given parallel to, perpto, tells your Slope 2) find "n" given paraller/per.
1) Find equation given parallel to , perpto.  tells your Slope  2) find "n" given paraller / per. $\frac{1}{3} > \frac{n}{3} = \frac{-3}{1}$
1) Find equation given parallel to, perpto, tells your Slope 2) find "n" given paraller/per.
1) Find equation given parallel to , perpto.  tells your Slope  2) find "n" given paraller / per. $\frac{1}{3} > \frac{n}{9} = \frac{-3}{1}$ How to graph a line $n = -27$
1) Find equation given parallel to , perpto.  tells your Slope  2) find "n" given paraller / per. $\frac{1}{3} > \frac{n}{9} = \frac{-3}{1}$ How to graph a line $n = -27$
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1) Find equation given parallel to , perpto tells your slope  2) find "n" given paralla / per. $ \frac{1}{3} > \frac{n}{9} \qquad \frac{n}{9} = \frac{-3}{1} $ How to graph a line $ 1 > 2x - 7 = 0 $ $ 2x - 2x - 7 = 0 $ $ 2x - 2x -$
1) Find equation given parallel to , perpto tells your slope  2) find "n" given paralla / per. $ \frac{1}{3} > \frac{n}{9} \qquad \frac{n}{9} = \frac{-3}{1} $ How to graph a line $ 1 > 2x - 7 = 0 $ $ 2x - 2x - 7 = 0 $ $ 2x - 2x -$
1) Find equation given parallel to , perpto tells your Slope 2) find "n" given paralla / per. $ \frac{1}{3} > \frac{n}{9} \qquad \frac{n}{9} = \frac{-3}{1} $ How to graph a line $ 2x-7=0 $

Work on practice Test on page 399

Go to Chapter 7 review on page 396 and do questions

That you struggled on in your practice test

\* Suggestions #5,6,9,11,12,14,15