Trig 7.7

Find the distance from a point to a line Find the distance between 2 parallel lines

*Geom Ch. 3

Quiz 7.7 Tues

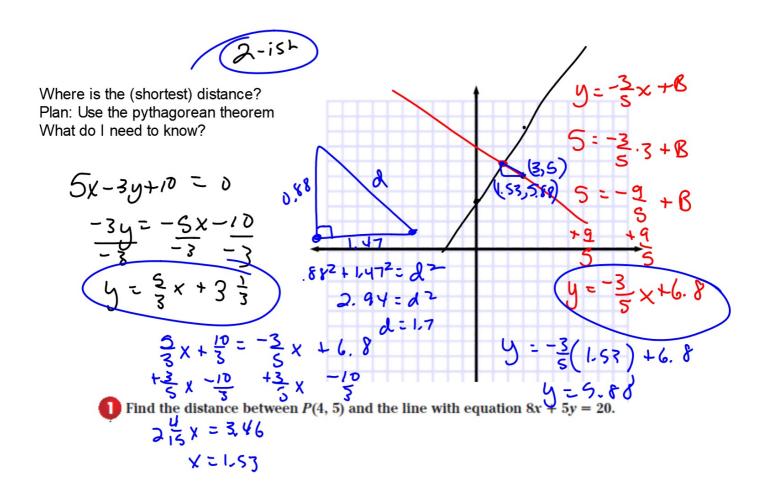
slope

y-intercept

parallel lines

distance

whiteboards



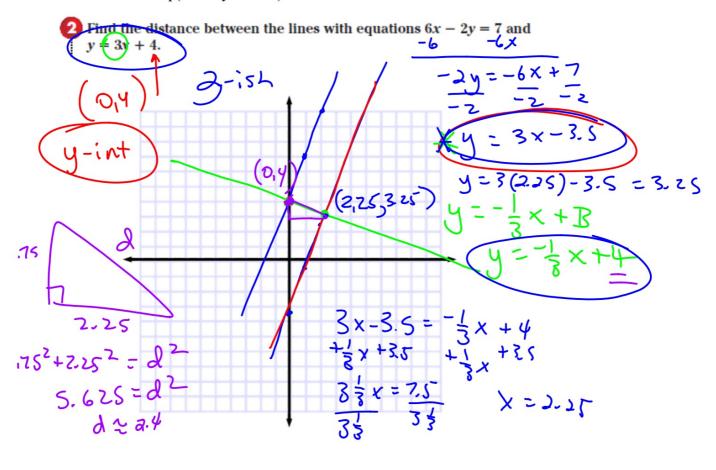
Tell me everything you know about parallel lines...

Slopes =

Never intersect

Same d.

Parallel lines same distance apart Use one eq to get a y-intercept (this is your point) Use other eq (this is your line)

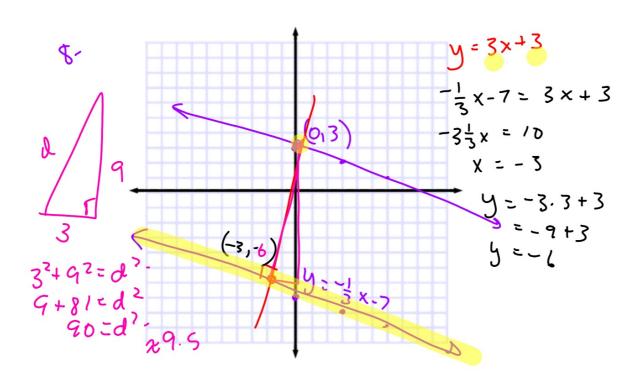


Find the distance between the parallel lines with the given equations.

$$7. 3x - 5y = 1$$
$$3x - 5y = -3$$

8.
$$y = -\frac{1}{3}x + 3$$

 $y = -\frac{1}{3}x - 7$



WB 7.7 113,5,6 Quiz - Wad Test -> Mon.