Review pg 206: 2, 9, 17-19 pg 264: 3, 7, <u>9</u>, 17, 18, 25

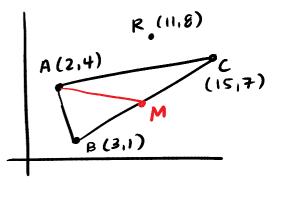
a. 4C and ¥ABE #2 b. 4 EBD and 4 CDB

#9

a If median from A intersects BC at M, find M

$$3+15 +7 = 2 \Rightarrow (9,4)$$

b Find $M_{BC} = \frac{7-1}{15-3} = \frac{6}{12} = \frac{1}{2}$ (3,1) (15,7)

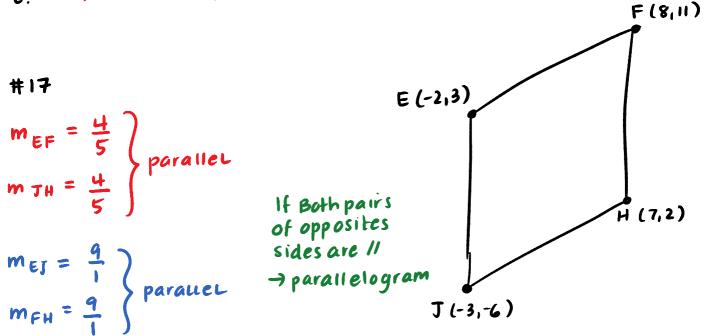


not II с. MAR = 7

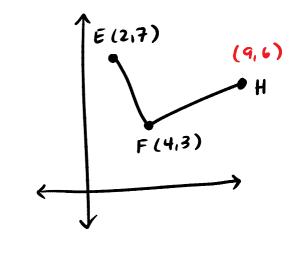
d. Find slope of alt. from A to BC $\perp m = -2$ $m_{BC} = \frac{1}{2}$

e. (2,4) to (9,4) is 7 units (walk from A to M)



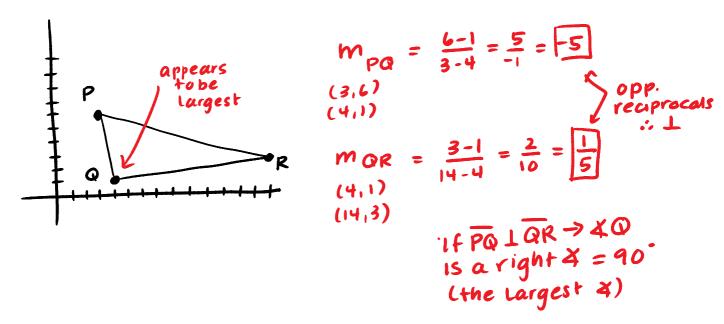


#18 XF is a Right X Explain why (9,6) Could not be the coordinates of H.



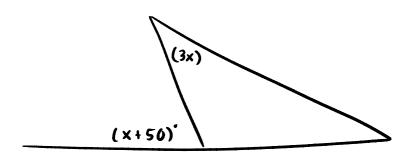
 $M_{EF} = \frac{7-3}{2-4} = \frac{4}{-2} = -2$ (2.7)
(4.3) $m_{FH} = \frac{6-3}{9-4} = \frac{3}{5}$ (4.3)
(4.3)
(9.6)

#19 Given $\triangle PQR$ with P = (3, 6) Q = (4, 1) R = (14, 3)find the measure of the Largest angle of $\triangle PQR$.



Pg. 264

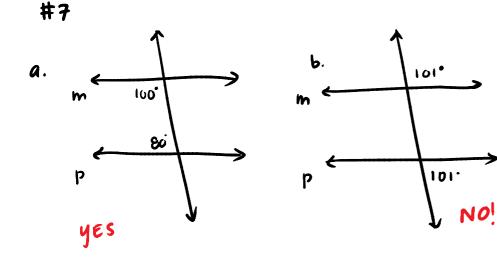
#3 Write an inequality for the restrictions on x.

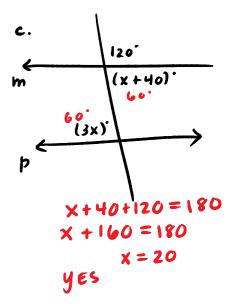


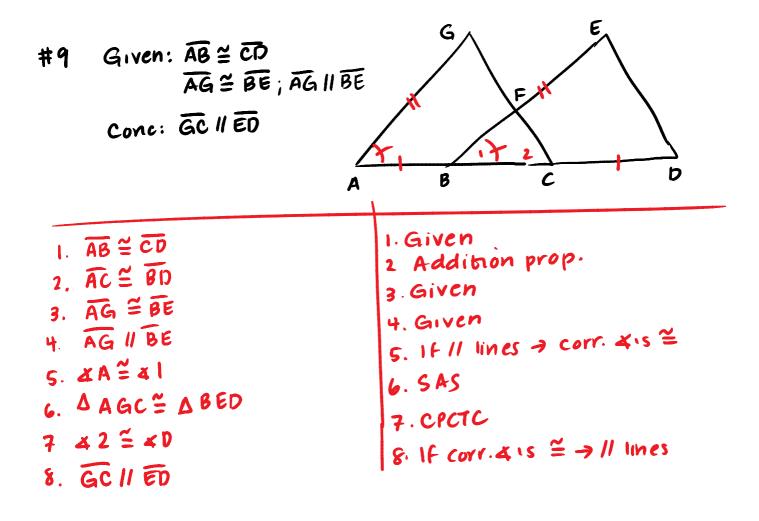
3x < x+50 < 180 / 3x < x+50 2x < 50 x < 130 x < 25 But also: x + 50 70 x 7-50 x 70

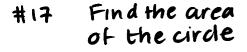
Choose the greatest restrictions

0 < x < 25



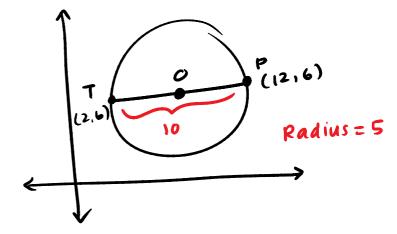


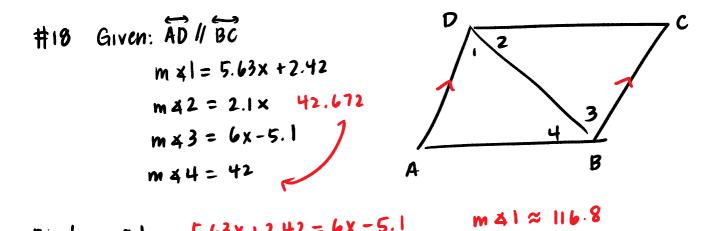




$$A = \pi r^{2}$$

 $A = \pi (5)^{2}$
 $A = 25\pi \approx 78.540 u^{2}$





a. Find: m 21 5.63×+2.42 = 6×-5.1 7.52 = .37× 20.32≈×

b. IS DC // AB No-altintais not =



