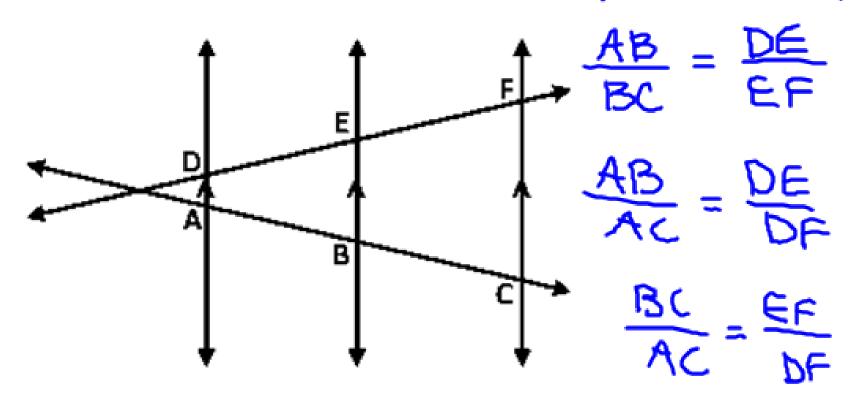
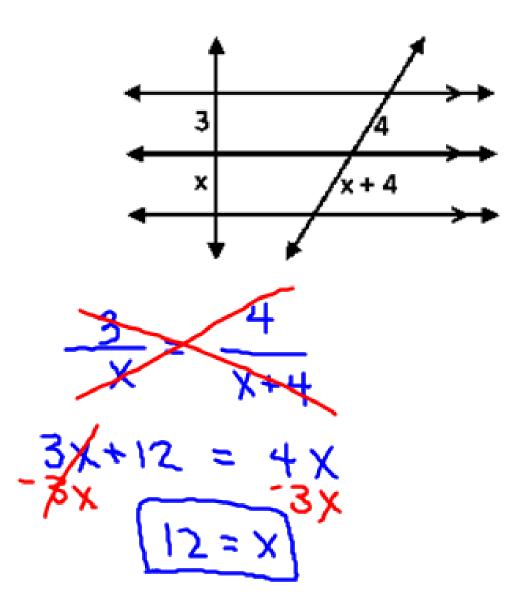
# 6 - 4 Parallel Lines and Proportional Parts (Day Two)

# Corollary 6.1:

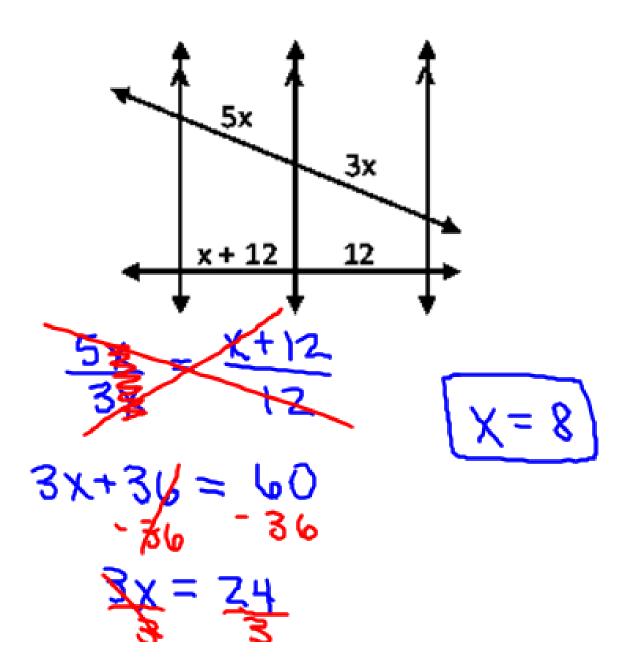
If <u>3</u> or more parallel lines intersect <u>1</u> transversals, then they <u>cut the transversals</u> proportionally.



# Ex: Solve for x.

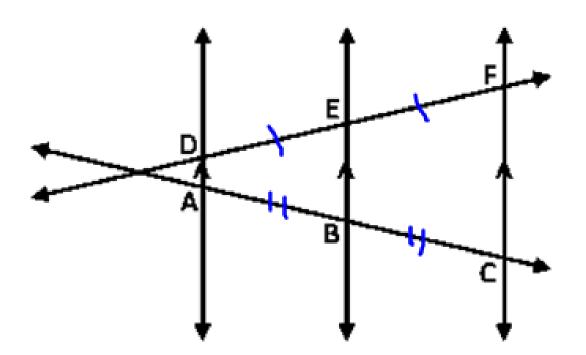


## Ex: Solve for x.

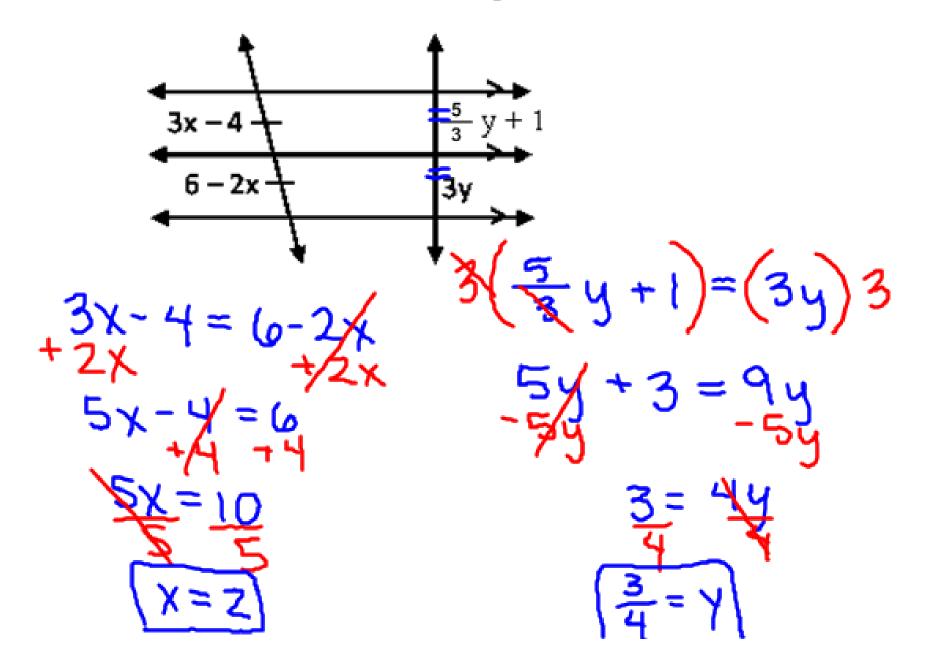


# Corollary 6.2:

If 3 or more parallel lines cut off <u>congruent</u> <u>segments</u> on one transversal, then they cut off congruent segments on <u>everu</u> transversal.



# Ex: Solve for x and y.



### Homework:

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