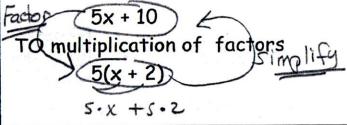
Math 7 Notes Factor Linear Expresssions (Chapter 5 - Lesson 8)

To <u>factor</u> an expressions means...

"Please make me into a multiplication problem"

Go FROM addition or subtraction of terms



5X+10

Page 1

Find the GCF (Greatest Common Factor) of each of the these monomials:

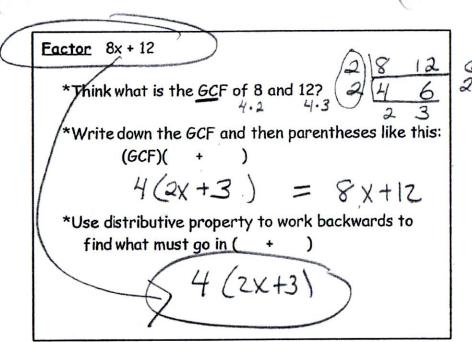
9x and 15 3 39 15

54gh and 35g 9 54 35

45x and 60x 15 X 545 60

100ab and 25b 25b 3 9 12

3 3 4 5 60



Page 2

Find what goes in the () to make these expressions equivalent:
$$5(\frac{4}{3}x + \frac{3}{3}) = 20x + 15$$

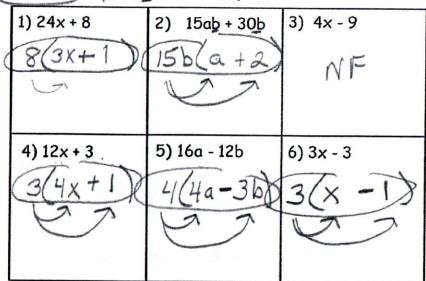
$$7\times(X-1)=7\times^2-7\times$$

$$7\cdot X\cdot X$$

$$20(2X+3) = 40x + 60$$

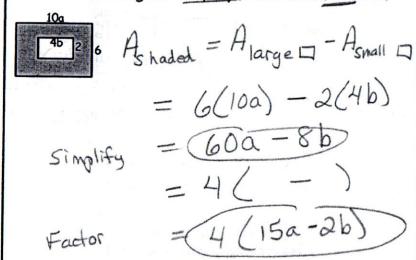
· Backwards Distributive Prop.





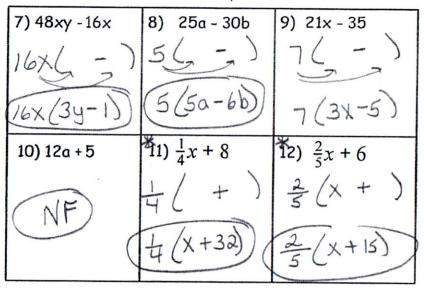
Page 5

Write an algebraic expression that represents the area of the shaded region. Simplify it and then factor it.



Page 7

Factor. If Not Factorable, put NF



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