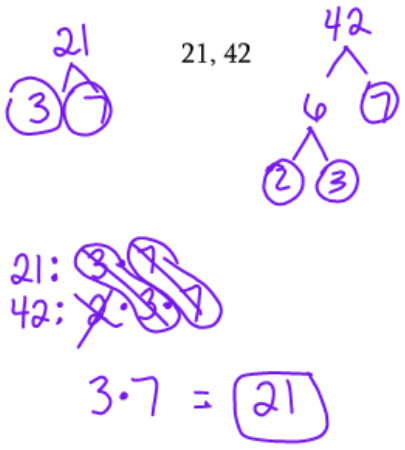
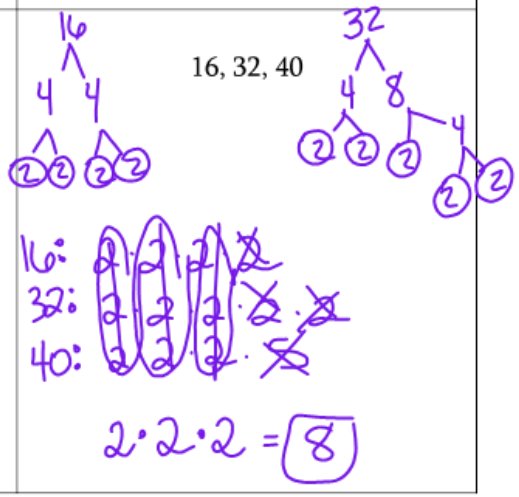
GCF (4-2)

GCF	Decode
Definition the largest factor that 2 or more #'s share	Example 15 12 1 (3) 5 15 1 2 (3) 4 6 12

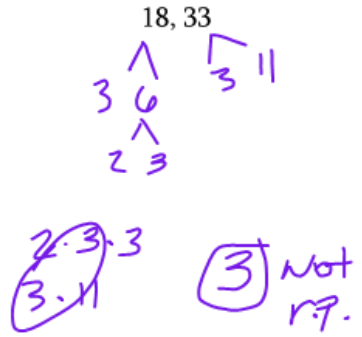
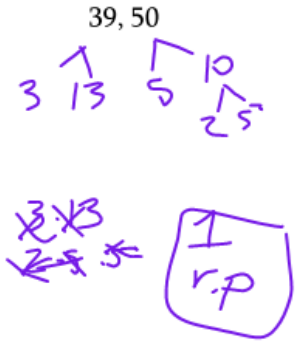
Relatively Prime	Decode rel·a·tiv·ely pr·ime
Definition two #'s are r.p. if their GCF is 1	Example 11 12 (1) 11 (1) 2 3 4 6 12

Example 1. Find the GCF.

I Do	You Do
21, 42 	12, 32
27, 45, 90	16, 32, 40 

IXL Lessons: 7th Grade → A.4, A.5

Example 2. Find the GCF. Tell whether the numbers are relatively prime.

I Do	You Do
18, 33 	39, 50 

Stop & *Jot*

How do you know if a number is relatively prime?

Example 3. Write the GCF of the monomials.

I Do	You Do
6x, 15x	$20x^2$, 36x

I Do	You Do
$32y^2$, $6x^2y$	$7xy^3$, $28xy^2$

IXL Lessons: 7th Grade → A.4, A.5