

Math Virtual Learning Essential Math 4

Unit 10 Lesson 2 Review Dividing polynomials using Area Model

April 13, 2020



Essential Math 4 Lesson: April 13, 2020

Learning Target: I can use the area model to divide numbers and algebraic expressions. (This is a review of Unit 10, Lesson 2)



Bell Work April 13, 2020 Complete the area model below: -7 X Х -5



Bell Work ANSWER KEY April 13, 2020 Complete the area model below:

X



-7

 $x^{2}-12x+35$



You will explore the use of area models to factor algebraic expressions.

Directions:

- 1. Click through the slides.
- 2. Watch all videos on slides.
- 3. Do what each slide asks on a separate sheet of paper.



Area models show how to organize the multiplication of two factors to find their product.

When we divide, we start with the product and one factor, and we use division to find the other factor (and sometimes a remainder).

When we factor with an area model, we start with only the product (inside the model), and we find two factors.



Practice Problems: Unit 10 Lesson 2 Review

Additional Practice

Complete these area model puzzles and write either a multiplication or division equation to describe each one.







Answer Key:

Once you have completed the problems, check your answers for page 13 here.

Additional Practice

Complete these area model puzzles and write either a multiplication or division equation to describe each one.







Practice Problems: Unit 10 Lesson 2 Review

page 10, C-D







Answer Key:





Practice Problems: Unit 10 Lesson 2 Review

page 10, E-F







Answer Key:







Practice Problems: Unit 10 Lesson 2 Review

page 10, G-H







Answer Key:







Practice Problems: Unit 10 Lesson 2 Review page 10, E-J







Answer Key:







Resources were developed at EDC (Education Development Center, Inc). EDC owns the copyright © 2011-2019



