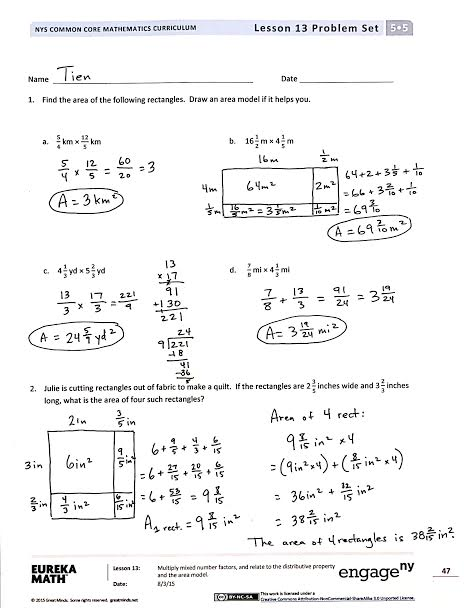
5th Grade /Module 5-Lesson 13/Mrs. Faour

Objective: Multiply mixed number factors, and relate to the distributive property and the area model.

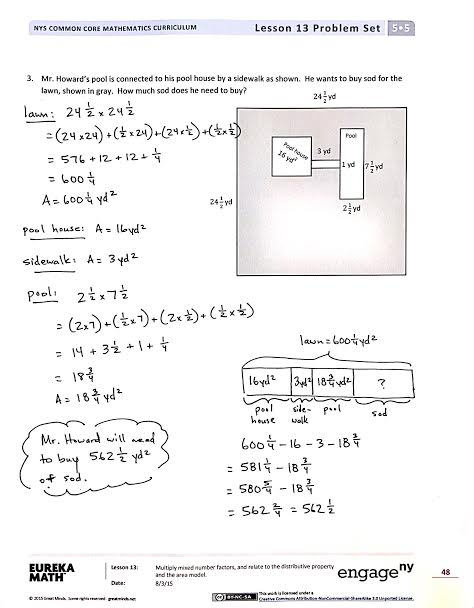
Problem –Set page/Watch Video

Fluency Practice /Watch Video

Application Problem/Watch Video

Lesson Requirements:

* Class Note/use your math notebook
* Homework page/Submit
* Exit Ticket page/Submit



Name Date

1. Find the area of the following rectangles. Draw an area model if it helps you.

|  |  |
| --- | --- |
| 1. km ×km | 1. m × m |
| 1. yd × yd | 1. mi × mi |

1. Julie is cutting rectangles out of fabric to make a quilt. If the rectangles are inches wide and inches long, what is the area of four such rectangles?
2. Mr. Howard’s pool is connected to his pool house by a sidewalk as shown. He wants to buy sod for the lawn, shown in gray. How much sod does he need to buy?

3 yd

1 yd

yd

yd

Pool

Pool house 16 yd2

yd

yd

Name Date

Find the area of the following rectangles. Draw an area model if it helps you. (optional)

1. mm × mm 2. km × km

Name Date

1. Find the area of the following rectangles. Draw an area model if it helps you.(optional)

|  |  |
| --- | --- |
| 1. cm × cm | 1. ft × ft |
| 1. in × in | 1. m × m |

1. Chris is making a tabletop from some leftover tiles. He has 9 tiles that measure inches long and inches wide. What is the greatest area he can cover with these tiles?
2. A hotel is recarpeting a section of the lobby. Carpet covers the part of the floor as shown below in gray. How many square feet of carpeting will be needed?

ft

ft

ft

ft

12 ft

17 ft

ft

ft