Multiplication and Area

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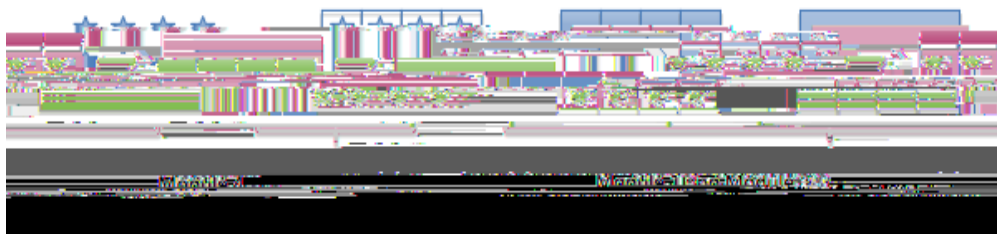

+ How you can help at home:

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Key Common Core Standards:

x Geometric Measurement: understand concepts of area and relate area to multiplication and to addition

    o A square Z L W K V L G H O H Q J W K X Q L W V T X D U H μ L V V D L G W R K D Y H ´ R Q H can be used to measure area

    o Measure areas by counting unit squares

    o Relate area to the operations of multiplication and addition

Spotlight on Math Models:

Area Models

You will often see this mathematical representation in A Story of Units.

A Story of Units K D V   V H Y H U D O   N H \   P D W K H P
Z L O O   E H   X V H G   W K U R X J K R X W   D   V W X G

Module 4 Sample Problem
(Example taken from Lesson 13)

Anil finds the area of a 5 -inch by 17-inch rectangle by breaking it into 2 smaller rectangles. Show one way that he could have solved the pr oblem.

What is the area of the rectangle?

Possible Solution: