

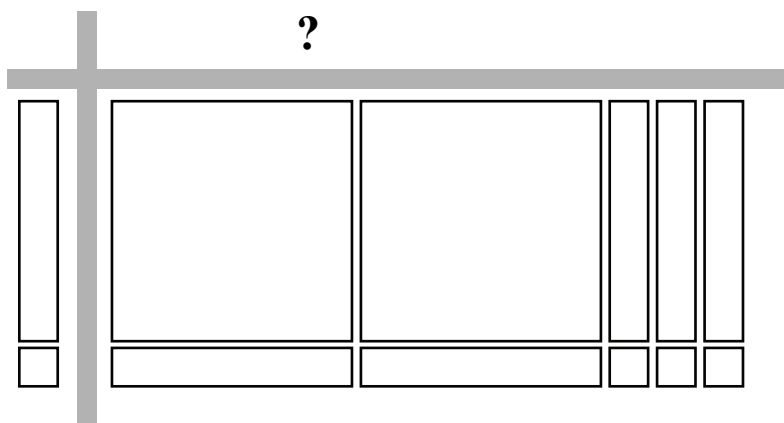


Student Name: _____ Date: _____

Side by Side

Josephina is using Algebra Tiles™ to model dividing polynomials.

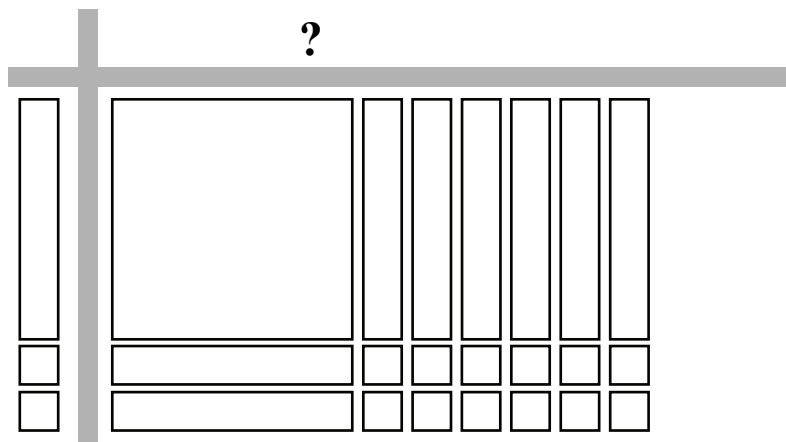
1. For each problem, sketch the tiles that would replace the question mark.
2. Fill in the blanks to the right to complete the problems.



$$\begin{array}{r} \boxed{} \\ \boxed{} \overline{) 2x^2 + 5x + 3} \end{array}$$

or

$$()() = 2x^2 + 5x + 3$$



$$\begin{array}{r} \boxed{} \\ \boxed{} \overline{) x^2 + 8x + 12} \end{array}$$

or

$$()() = x^2 + 8x + 12$$

Communicating About Mathematics

Compare the division of polynomials to the multiplication of polynomials.