

Multiplication with Whole Numbers

1. For the problem: 35×13 :
 - a. Multiply 35×13 .
 - b. Show the multiplication through a model.
 - c. Make up a word problem for 35×13 .
 - d. Show the connections between the model and the traditional way of multiplying.

2. Which deal would you accept and why?
 - a. You are given a thousand ten dollar bills every day for a month.
 - b. You are given a penny on the first day of the month and the value of that penny doubles every day for a month.

3. True or False: Mathematicians use parenthesis to indicate which portion of the problem should be done first. Keeping that in mind, is

$$A \times (B + C) = (A \times B) + (A \times C)?$$