Lesson 26: Multiplication Using Rounding and Estimating

**Purpose of lesson:** You will practice your rounding skills in word problems using multiplication.

Ada wants to buy 12 favors for her birthday party. She decided to buy hair ties that cost $1.95 each. About how much will she spend?

We can *estimate* the cost of the favors as $2, then the total will be about $2 \times 12 = $24

Sorry, Ada, You don’t have enough money!

To estimate, *we round one or both of the numbers to a multiple of tens* so we can compute the answer quickly. Let’s try some!

There are 28 children in Ms. Rodriguez’s class. The school budget allows $385 for each student in book and supply money. About how much is allotted to this class?

*First, we *round* 28 to 30, and $385 to 400. *Then Multiply.* $30 \times $400 = $12,000. The cost will be less than $12,000 because we rounded up.*

Let’s try some of these word problems!

**Take Lesson 26 Quiz 1**