

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