

Name _____

Number Sense: Multiplying by 2-Digit Numbers

Dear Family,

Your child is learning how to multiply larger numbers. He or she is also learning to estimate the answer to problems such as 17×28 by rounding 17 to 20 and 28 to 30. By using estimation in the course of everyday experiences and family activities, you can help your child understand estimation. Here are two activities you can try.

Shopping

Help your child understand that, when shopping, he or she can use estimation to figure out how much an item will cost. For example, if T-shirts cost \$12 each, have your child estimate the cost of 4 T-shirts.

Target Game

Materials: paper and pencil

Step 1 Players pick a 3-digit number, such as 500, as a target number.

Step 2 Each player then picks a 2-digit number, such as 16 or 18, as a playing number.

Step 3 Both players estimate the number that their playing number must be multiplied by for the product to be 500 (the target number).

Step 4 Use paper and pencil to find the exact product. The one who comes closest to 500 wins.