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LESSON 2-3

Apply Properties: Multiply by 0 and 1

 [MA.3.NSO.2.4](#), [MA.3.AR.3.3](#), [MTR.1.1](#), [MTR.2.1](#), [MTR.3.1](#)

For more help with this lesson, view the [Visual Learning Animation](#) or the [Another Look Video](#).

MATH HELP AT HOME

Sample Additional Practice Exercise 1

Draw a picture to represent the multiplication fact and then solve.

$$1 \times 3 = \underline{3}$$

Draw 1 plate with 3 cookies on the plate. There are 3 cookies in all.

HOME ACTIVITY

One or None

MATERIALS

Number Cube, Penny, Paper, Pencil

ACTIVITY

Processing math: 7%

Play this game with your child. Roll the number cube while your child flips the penny. Let heads equal 1 and tails equal 0. Have your child write the multiplication fact shown by the number rolled and the penny. Here are two examples: You roll a 6, and the penny shows heads so your child writes $6 \times 1 = 6$. You roll a 2, and the penny shows tails so your child writes $2 \times 0 = 0$. Do this 10 times. Then have your child add their 10 answers. Switch roles with your child, complete 10 rounds, and add your 10 answers. The player with the higher total wins the game!