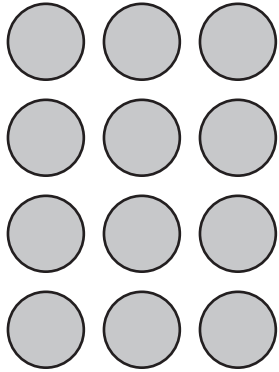
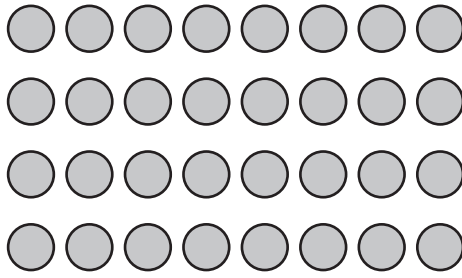


Name: _____

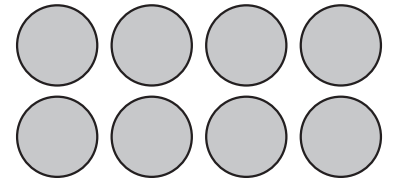
Multiply: 4 x ____



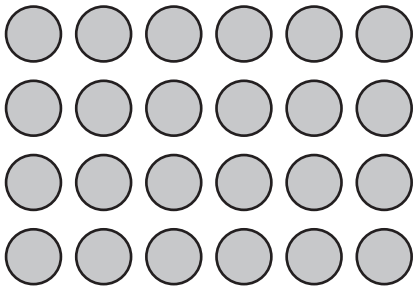
$$4 \times \square = \square$$



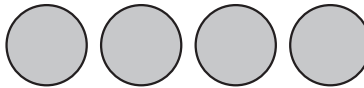
$$4 \times \square = \square$$



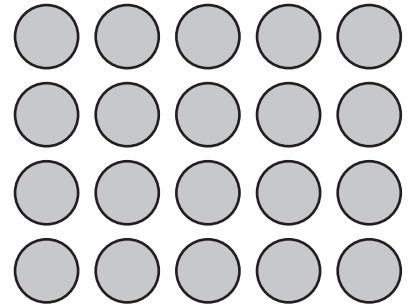
$$\square \times 4 = \square$$



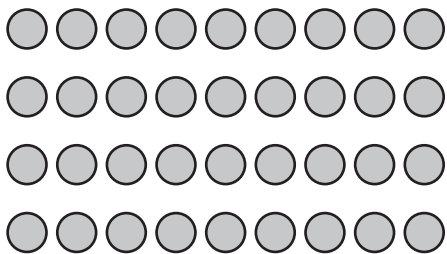
$$4 \times \square = \square$$



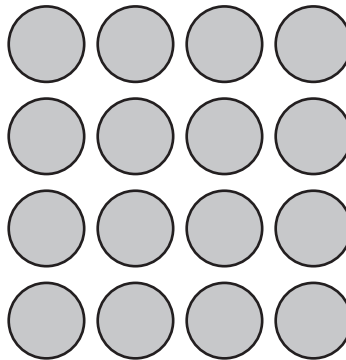
$$\square \times 4 = \square$$



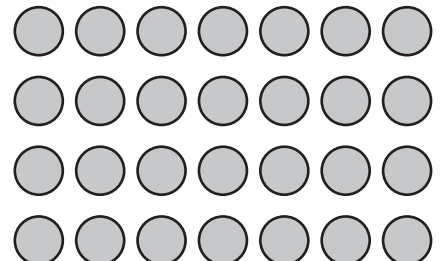
$$4 \times \square = \square$$



$$4 \times \square = \square$$



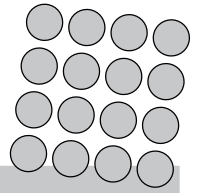
$$4 \times \square = \square$$



$$4 \times \square = \square$$

Teacher Notes:

4x Multiplication (Grade 3)



ONLINE ACTIVITY

[Four Times Arrays](#)
[Make a Match](#)
[Four Times Rhyme](#)

ESL VOCABULARY

array
times

multiply
product

LEAD-IN ACTIVITY SUGGESTIONS

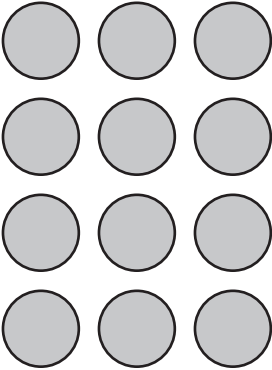
1. Review arrays/tables for multiplying by 2 and by 3. See Grade 2 Math online activities to review if necessary.
2. Use small objects to demonstrate multiplying by 4. For example, bring four objects (pencils, paperclips, etc.) to two students. Ask the students and the class how many objects each student has. It may be helpful to draw an array on the board or write the addition equations as you proceed. Give another student four of the objects and ask how many there are total now, adding to the array or equation on the board. Now ask how many total objects would be needed to give everyone in class four of the objects. Is there a faster way to work that out? Turn focus to the online activities or worksheet.

EXTENSION ACTIVITY SUGGESTIONS

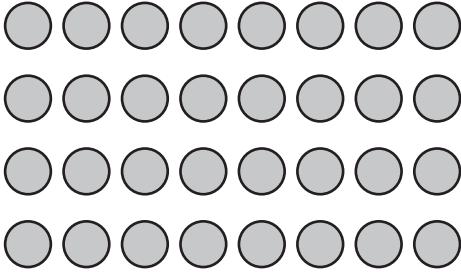
1. Use numbered playing cards (without face cards) to practice random multiplication by 4.
 - a. Ask students to work in groups of two or three, and give each student a set of cards, face down. Each student takes their top card and turns it over, multiplies the number by 4, and whoever has the largest product wins the round. If anyone makes a mistake in their multiplication, the next highest product wins.
 - b. Ask each student to pick a card, and using the number on the card, they should use manipulatives to create or draw an array that represents the given number multiplied by 4.
2. To reinforce 4x, students should visit the Four Times Arrays, Make a Match, and Rhyme activities on Starfall.com.

ADDITIONAL NOTES

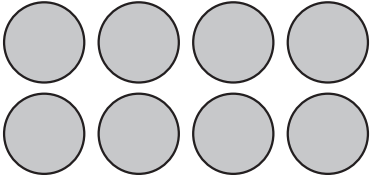
1. **Virtual:** Ask students to gather small items (blocks, pens, pieces of cereal, etc.) to follow along with the concrete demonstration of multiplication.
2. **ESL and Special Education:** To help clarify the link between addition and multiplication, ask students to practice skip counting. Be sure to emphasize the difference between the symbols “+” and “x,” as they look very similar. Some students may initially miss the difference and assume addition.



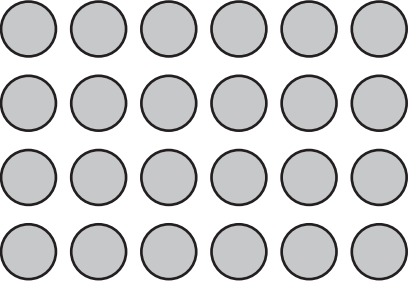
$4 \times 3 = 12$



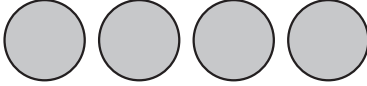
$4 \times 8 = 32$



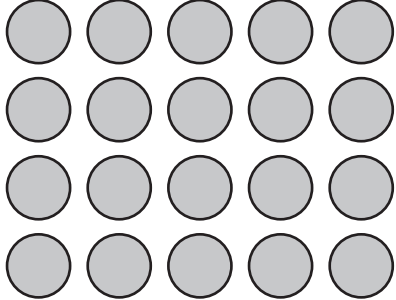
$2 \times 4 = 8$



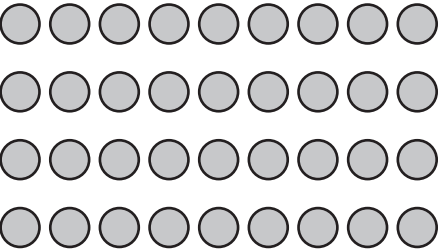
$4 \times 6 = 24$



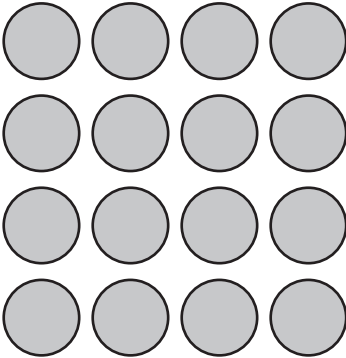
$1 \times 4 = 4$



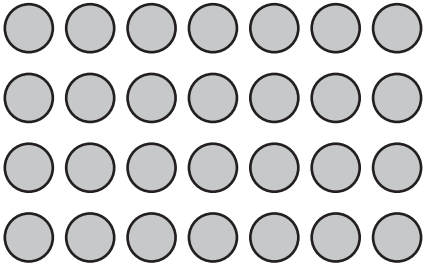
$4 \times 5 = 20$



$4 \times 9 = 36$



$4 \times 4 = 16$



$4 \times 7 = 28$