Name: _____

Multiply: 6 x ___

6 x ☐ = ☐

6 x ☐ = ☐

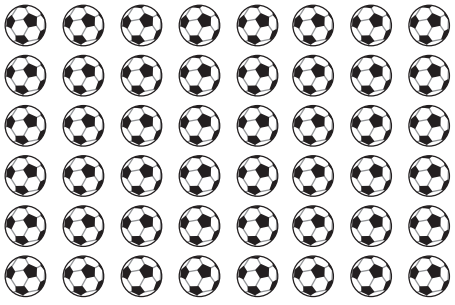
6 x ☐ = ☐

6 x ☐ = ☐

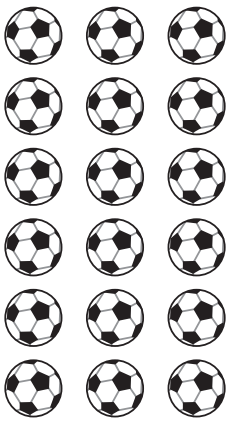
6 x ☐ = ☐

6 x ☐ = ☐

6 x ☐ = ☐



6 x ☐ = ☐



6 x ☐ = ☐

Teacher Notes:
6x Multiplication (Grade 3)

ONLINE ACTIVITY

[Six Times Arrays]
[Make a Match]
[Six Times Rhyme]

ESL VOCABULARY

array ***multiply***
times ***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. Have the class look at a 6x6 multiplication table, or use the Interactive Multiplication Chart found in the Projectables area of the Starfall Parent Teacher Center at teach.starfall.com. Review the table for 2x, 3x, 4x, and 5x, and ask students to work in groups to work out the 6x table. This can be done by assigning one equation to each group and asking them to create an array or addition equation. More advanced classes can be asked to work out the products for 6 x 1 through 5 using what they've previously learned. Turn focus to the online activities or worksheet.

EXTENSION ACTIVITY SUGGESTIONS

1. Use numbered playing cards (without face cards) to practice random multiplication by 6.
   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 6, 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 6.
2. To reinforce 6x, students should visit Six Times Arrays, Make a Match, and Rhyme activities on Starfall.com.
3. Ask students to complete the online activities for 7x, 8x, and 9x.
4. Ask students to use their knowledge of multiplication to complete a 10x10 multiplication table. Elicit the commutative property (1x9=9 and 9x1=9) to show that students already know quite a few of the products for 7x, 8x, 9x, and 10x!

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.

Name: ANSWER KEY

Multiply: 6 x ___

6 x 4 = 24

6 x 7 = 42

6 x 2 = 12

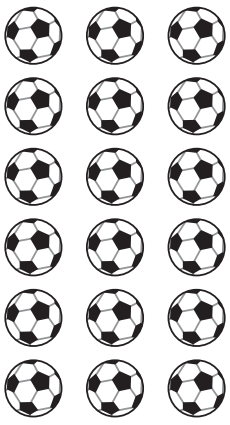
6 x 6 = 36

6 x 5 = 30

6 x 9 = 54

6 x 1 = 6

6 x 8 = 48



6 x 3 = 18

COMMON CORE | 3.OA.B.5, 3.OA.C.7

ANSWER KEY

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