

Activity: Same, but Different

Skill/Objective: Addition and Multiplication

Directions:

1. To make an addition fact, first roll 2 number cubes. Choose one of the numbers to represent how many groups you have and the other number to represent how many are in each group. (Do not add the 2 numbers together.)



2. For example: if you roll 4 and 3, you might choose to show 4 groups with 3 objects in each group, or (4) 3s. Your addition fact is $3 + 3 + 3 + 3 = \underline{\quad}$

3. Write the addition fact on your recording sheet, and draw a picture of the groups to go with it, like this:



$$3 + 3 + 3 + 3 = \underline{12}$$

4. Then write the answer to the addition fact. This addition fact also can be written as a multiplication fact, like this: $4 \times 3 = \underline{\quad}$.

5. Write the multiplication fact under the addition fact on your recording sheet. $4 \times 3 = 12$ means 4 groups with 3 in each group = 12 total.

6. Continue rolling the number cubes to create addition and multiplication facts. Remember to draw pictures to go with each one. You may use dots or any other object that is easy for you to draw.

Materials –

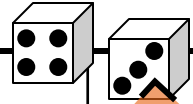
- **Same, but Different** recording sheets, copied back to back (To provide additional practice, reproduce more than one per child.)
- 2 number cubes per child
- Pencil

Name _____

Same, but Different

Addition and Multiplication

Draw pictures in boxes to show how many groups you have.



EXAMPLE

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Write the addition fact here:

$$3 + 3 + 3 + 3 =$$

and the multiplication fact here:

$$\begin{array}{r} 4 \\ \text{(Groups)} \end{array} \times \begin{array}{r} 3 \\ \text{(in each group)} \end{array} = \text{total}$$

Draw pictures in boxes to show how many groups you have.

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Write the addition fact here:

$$=$$

and the multiplication fact here:

$$\times =$$

Draw pictures in boxes to show how many groups you have.

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Write the addition fact here:

$$=$$

and the multiplication fact here:

$$\times =$$

PREVIEW

Name _____

Same, but Different

Addition and Multiplication

Draw pictures in boxes to show how many groups you have.

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Write the addition fact here:

_____ = _____

and the multiplication fact here:

_____ X _____ = _____
(Groups) (in each group) (total)

Draw pictures in boxes to show how many groups you have.

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Write the addition fact here:

_____ = _____

and the multiplication fact here:

_____ X _____ = _____

Draw pictures in boxes to show how many groups you have.

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Write the addition fact here:

_____ = _____

and the multiplication fact here:

_____ X _____ = _____

PREVIEW