

THREE-WAY MATH CARDS

Multiplication and Division

Reinforce Number Families
Increase Understanding
Teach With Ease



INSTRUCTIONS:

The Three-Way Math Cards can be used in several different ways. Each card has three numbers, two in teal and one in red. The red number is the product of the other two numbers. The multiplication tables for 6-9 and 12 are marked with a border for easy sorting.

Basic Use: The teacher will cover up a number on the card, and the student will complete the number sentence. The combination of the visual and audio response enhances the learning of these facts.



If your student has difficulty with the concept of division, you may want to ask him which number he will multiply the teal number by to get the red number. It is the same process, but it may make more sense to your student. In that case the answers would sound like this:

$$"2 \times 8 = 16"$$

$$"8 \times 2 = 16"$$

Please Note: In the cards there are two sides that include the number zero to be multiplied by another number. Please teach and reinforce that any number multiplied by zero is always zero. Remember a number cannot be divided by zero. Also, there are two sides that include a number multiplied by one. Please teach and reinforce that any number multiplied or divided by one will always be that number.

Variations:

1. Give your student a card and ask him to write the number family facts for that card.



$$\begin{aligned} 2 \times 8 &= 16 \\ 8 \times 2 &= 16 \\ 16 \div 2 &= 8 \\ 16 \div 8 &= 2 \end{aligned}$$

2. Cover both of the teal numbers on a card and ask your student to list all the combinations of numbers that equal this answer when multiplied. These numbers are called "factors".



$$\begin{aligned}2 \times 8 &= 16 \\4 \times 4 &= 16 \\1 \times 16 &= 16\end{aligned}$$

Why Should You Use Three-Way Math Cards?

- They're fun & easy to use.
- They promote understanding of math concepts, as well as memorization.
- They teach number families.
- Cards are specially shaped for easy stacking.
- Colored borders make it easy to sort the cards by difficulty levels.

Three-Way Math Cards are the perfect companion to *One Hundred Sheep... Skip Counting Songs from the Gospels*.