Multiplication 0–12 Pocket Flash Cards

Flash cards are perfect for reinforcing math skills like fact fluency!

Try This!

- Play a game. Shuffle the cards and deal them out so each person has an equal number of cards. Player 1 shows Player 2 the problem side of the flash card, and Player 2 gives the answer. If correct, Player 2 has "won" this card and keeps it. If incorrect, Player 1 places the card back in the pile. The object is to win or collect as many cards as possible. The player with the most cards at the end of the game wins.
- Give your child a stack of multiplication flash cards. Call out a product, such as 36, and invite your child to find the matching problems—for example, 4 x 9, 9 x 4, and 6 x 6.

Real-World Neighborhood Jobs Math Operations Problem-Solving Activities

How about a little real-world math to keep skills sharp? The *Real-World Neighborhood Jobs Activity Book* features eight different activities (48 problems involving addition, subtraction, multiplication, and division with money and time) for your child to complete using realistic job flyers and work schedules. The activity book includes helpful information for completing the activities.

My Writing Journal

This journal is packed with writing guidelines, word lists, and exercises to help your child build essential language skills in writing. The writing exercises are organized by narrative, informative, explanatory, opinion, and persuasive writing styles.

Your kit also includes the following essential supplies:

- Scissors
- Glue Stick
- 2 Pencils
- 2 Black Pens
- Eraser
- Colored Pencils
- Washable Markers
- Ruler

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SUMMER ENRICHMENT KIT

ACTIVITY CARD

Keep your child learning this summer with engaging materials and activities that target essential language and math skills. Please set aside some time each week so that your child can use the materials to complete one or more activities. Your child will reinforce skills from the past school year while building on skills that prepare for the year ahead.

GRADE 4

Follow the suggestions below to get started!

Summer Camp Adventures: Math and Language Skills Game

By playing this game together, you will provide math and language practice that will prepare your child for school. Simply follow the instructions included with the game!

Division Machine

This self-checking math machine makes division so simple, kids can teach themselves! Have your child look at a problem, solve it, and then press the equation button. The answer will pop up for immediate reinforcement! You can play it in reverse as well. Call out a quotient, such as 6, and have your child press an equation button with a matching problem—for example, 24 ÷ 4, 36 ÷ 6, or 12 ÷ 2.

Visualize Math Write & Wipe Board

This reusable board includes a bar model, number bond models, and a fact family triangle that students can use to work out math problems. Have your child use the board to practice the activities below. Write & wipe markers are included for use on the board.

Solving Word Problems with Bar Models

Show your child that bar models can be used to help solve word problems. Read the word problem below together:

Selma and her friends bought a total of 190 tickets for carnival rides. After one hour at the carnival, they had used a large number of tickets. They only had 75 left. How many tickets did Selma and her friends use in the first hour?

In the top box of the bar model, write the number 190. In the lower-left box, write a question mark—since this number is unknown. In the lower-right box, write the number 75.

Have your child use the spaces below the bar model to write a number sentence to solve the equation: ? + 75 = 190 or 190 – ? = 75. Then have your child write a second equation with the correct answer filled in: 115 + 75 = 190 or 190 – 115 = 75.

Switch out the numbers in the problem to have your child solve a new problem independently.

Fact Family Triangles

Show your child how to use the triangle to practice multiplication and division facts. Write the numbers 9, 8, and 72 on the spaces inside the triangle. Then write each of the corresponding multiplication and division facts for those numbers: 9 x 8 = 72; 8 x 9 = 72; 8 = 72 ÷ 9; and 9 = 72 ÷ 8. Give your child a few fact families to try writing independently, such as 8, 60, and 480 or 8, 30, and 240.

Number Bonds

Explain to your child that number bonds can help us visualize multiplication and division facts in the same way that fact family triangles can. Write the numbers 7, 80, and 560 in the circles on the second number bond model. Then write each of the corresponding multiplication and division facts for those numbers: 7 x 80 = 560; 80 x 7 = 560; 80 = 560 ÷ 7; and 7 = 560 ÷ 80. Give your child a few fact families to practice independently.

Bridge the Gap! Language Practice Cards

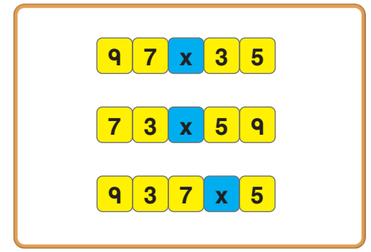
This kit includes 20 cards covering five different categories—Prefixes, Suffixes, Multisyllabic Words, Irregularly Spelled Words, and Fluency. The cards have easy-to-follow instructions so your child can complete the activities independently. All the activities can be completed on a separate sheet of paper, but you may want to have your child complete some orally—it's up to you! For the Fluency cards, read each passage aloud together and then ask the follow-up questions yourself for your child to answer—or invite another family member to participate! (Your kit includes an answer key for these cards.)

Math Manipulative Toolbox

Packed with manipulatives, this toolbox provides lots of hands-on experiences with everything from basic operations and working with decimals to multiplying fractions and measuring angles. Have your child use the materials for the following activities. You will find more ideas in the product guide.

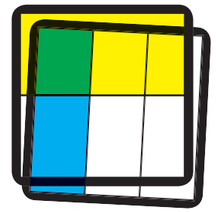
Operations

- Place the yellow number tiles in a paper bag and draw out four numbers. Have your child use the numbers and blue multiplication symbol tiles to build and solve three problems on the write & wipe board. For example, if you pulled out 5, 3, 7, and 9, build 97 x 35, 73 x 59, and 937 x 5. Ask your child, *Which problem resulted in the largest number?*



Fractions

- When adding or subtracting fractions with unlike denominators, use the fraction circles to convert the fractions to fractions with like denominators. For example, to add ½ + ⅓, point out to your child that one ½ piece is the same as three ⅙ pieces (3/6) and that one ⅓ piece is the same as two ⅙ pieces (2/6). Now your child can add 3/6 + 2/6 to get 5/6. Repeat with other problems, such as ¼ + ⅜, ⅖ + ½, ¾ – 5/12, and ⅔ – ¼.
- Use the fraction array cards and transparencies to practice multiplying fractions. For example, find the ½ array card (yellow) and the ⅓ array transparency (blue). Lay the transparency over the card and point out to your child the rectangles made by the pieces. Count the number of rectangles and explain that this number is the final product's denominator: 6. Then count the number of green rectangles and explain that this is the final product's numerator: 1. Therefore, ½ x ⅓ = ⅙.



Geometry

- On the area model mat, draw an x-axis and a y-axis, labeling each axis with numbers 0–8. Provide your child with ordered pairs of points to graph on the coordinate plane—for example, point A (4, 2), point B (5, 4), point C (0, 4), and point D (6, 0). Then do the reverse, graphing the points and having your child identify the coordinates.