Grades 3-5		
Math Concept	Activity Description	Resources and Materials
Multiplication in everyday situations	**Multiplication Hunt** ● Look for items around the house or at the grocery store that come in equal groups (e.g., eggs, boxes of cereal bars, packages of toilet paper, cans of soda, packages of juice boxes, etc.). ● Ask each other questions about how many you would have if you bought a certain number of packages (If someone buys 4 packages of juice boxes, how many juice boxes do they buy?)	More ideas for math at the supermarket
Multiplication fact fluency	**The Product Game** ● Use the link to play this online game ● Play against each other ● Or play against the computer	Product Game
Multiplication fact fluency	**Multiplication War** ● Use a regular deck of cards, with face cards removed. Aces count as the number 1. ● Place the deck face down. ● Each player takes 2 cards and multiplies to find the product of the 2 numbers shown on the card. ● Players compare products. The player with the highest product takes all the cards from that round. Whoever has the most cards at the end of the game wins.	Example of Multiplication War
Fractions in everyday situations	Look for fractions in everyday life. Recipes are a great place to look! Any time you share food among the family, talk about what fraction each person will eat.	More ideas for working with fractions at home
Fractional Reasoning	**Make One** ● Use a regular deck of cards, with the face cards removed. Aces count as the number 1. Place the deck face down. ● Each player draws 4 cards	Example of Make One You can use these virtual fraction strips to help:

	• Each player uses the 4 cards to make two fractions • Your objective is to make two fractions that add up to one whole • When it is your turn, draw the top card from the face-down deck. You may decide to keep it or discard it. If you keep it, discard one of your cards. • The winner is the first player to make two fractions that up to one whole.	Fraction Strips
Multi-digit Addition	**Addition to Target** • This game uses one regular die (if you don't have any dice you could use playing cards instead; just remove the face cards and 10s) • Set a target, like 1,000. • Roll the die 3 times (write down the digits) • Roll the die 3 more times (write down the digits) • Rearrange both sets to create two 3 digit numbers that will have the sum as close as possible to the target. • Compete against someone else who can use the same numbers (but arrange them in their own way) or can roll their own numbers.	Example of Addition to Target