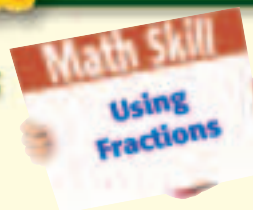


The Game Zone

A Place To Practice Your Math Skills



Plug It In

● GET READY!

Players: two

Materials: 1 piece of paper, 9 index cards, scissors, marker

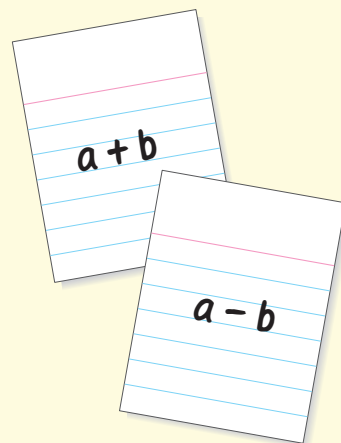
● GET SET!

- Write the following fractions on a piece of paper.

$$-\frac{8}{9}, -\frac{7}{9}, -\frac{5}{9}, -\frac{4}{9}, -\frac{2}{9}, -\frac{1}{9}, \frac{1}{9}, \frac{2}{9}, \frac{4}{9}, \frac{5}{9}, \frac{7}{9}, \frac{8}{9}$$

- Cut the index cards in half, making 18 cards.
- Write one of the following expressions on each of the cards.

$a + b$	$a - b$	$b - a$	ab	$\frac{1}{2}a$
$a \div b$	$b \div a$	$a + 1$	$b + 1$	$\frac{1}{2}b$
$1 - a$	$1 - b$	$a - 1$	$b - 1$	
a	b	$1 \div a$	$1 \div b$	



● GO!

- The cards are shuffled and dealt facedown to each player.
- One player chooses the value for a from the list of fractions on the paper. The other player chooses the value for b from the same list.
- Each player turns over the top card from his or her pile and evaluates the expression. The person whose expression has the greatest value wins a point. If the values are equal, no points are awarded.
- The players choose new values for a and b . Each player turns over a new card. The play continues until all the cards are used.
- Who Wins?** The person with the most points wins the game.