Division Game Day

Let's play division games.

Warm-up

Number Talk: Divide 48

Find the value of each expression mentally.

- $48 \div 2$
- $48 \div 3$
- $48 \div 4$
- $48 \div 6$

Activity 1

Play Race to 1

Directions for Race to 1

On your first turn:

1. Roll a number cube. The number you roll is your divisor. (If you roll a 5, roll again.)
2. Choose 1 start number from the top row of your table. Divide it by your divisor.
3. Write a division expression and record the quotient in the table. Your turn is done.

On all your other turns:

1. Roll a number cube. The number you roll is your divisor. (If you roll a 5, roll again.)
2. Choose either a quotient from one of your past turns or a new start number from the top row of the table. Divide it by your divisor.
3. Write a division expression and record the quotient in the table. Your turn is done.
4. The first player to get a quotient of 1 wins.

Sample Game

Jada rolled 3 on her first turn, and then rolled 2 on her next three turns.

start number	12	16	18	24
division expression	$12 \div 3$	$16 \div 2$		$24 \div 2$
quotient	4	8		12
division expression				$12 \div 2$
quotient				6
division expression				
quotient				

Game 1

start number	12	16	18	24
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				

Game 2

start number				
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				
division expression				
quotient				

Activity 2

Play Compare—Division

Play Compare with 2 players.

1. Split the deck between the players.
2. Each player turns over 1 card.
3. Compare the values. The player with the greater value keeps both cards.
4. Play until you run out of cards. The player with the most cards at the end of the game wins.