

Multiplication Top-It (Advanced Version)

Directions

- 1 Shuffle the deck and place it number-side down on the table.
- 2 Each player turns over 4 cards, uses them to form one 3-digit number and one 1-digit number, and then finds the product of the numbers.
- 3 Compare products. Each player records both players' equations and the comparison on his or her record sheet. The player with the larger product takes all the cards.
- 4 The game ends when there are not enough cards left for each player to have another turn. The player with more cards wins.

Variations

- Each player turns over 4 cards, forms two 2-digit numbers, and finds the product.
- Each player turns over 2 cards, attaches a zero to the first card drawn, and then multiplies by the number on the second card. For example, if 7 is the first card drawn and 5 is the second card drawn, find $70 * 5 = 350$.
- To play with 3–4 players, the player with the largest product takes all the cards. Players do not need to record their comparisons.

Division Top-It

Directions

- 1 Shuffle the deck and place it number-side down on the table.
- 2 Each player turns over 3 cards and uses them to generate a division problem as follows:
 - Choose 2 cards to form the dividend.
 - Use the remaining card as the divisor.
 - Divide and ignore any remainder.
- 3 Compare quotients. Each player records both players' equations and the comparison on his or her record sheet. The player with the larger quotient takes all the cards.
- 4 The game ends when there are not enough cards left for each player to have another turn. The player with more cards wins.

Variations

- Each player turns over 4 cards, chooses 3 of them to form a 3-digit number, then divides the 3-digit number by the remaining number. Players should carefully consider how they form their 3-digit numbers. For example, $462 / 5$ is greater than $256 / 4$.
- To play with 3–4 players, the player with the largest quotient takes all the cards.

Top-It Record Sheet



NAME	DATE	TIME
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Round	Player 1	>, <, =	Player 2
Sample	$4 + 6 = 10$	<	$8 + 3 = 11$
1			
2			
3			
4			
5			



Top-It Record Sheet



NAME	DATE	TIME
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Round	Player 1	>, <, =	Player 2
Sample	$4 + 6 = 10$	<	$8 + 3 = 11$
1			
2			
3			
4			
5			

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