



# MULTIPLICATION TABLE

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

3. Play: Players take turns turning over one card from the stockpile, and two cards from the board. Player may take the product of any 2 of the 3 cards and write it on their scorecard, or pass, turning both board cards over and placing the stockpile card at the bottom. The remaining card is either turned over, if on the board, or if from the stockpile, placed on the bottom. Play ends when all the cards have been turned over and played.

4. Object: Player with the highest total wins.



## MULTIPLICATION

Facts From 0 to 12

Welcome to the world of FraPerDECK, educational playing cards for enjoyment in learning. The 52 card deck covers all multiplication facts from 0-12. During play, keep a multiplication table in front of the player/learner at all times.

More games, as well as information on original FraPerDeck, are available from our website at [www.fraPerdeck.com](http://www.fraPerdeck.com). Have Fun!



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## **GAMES**

### **A. Countdown**

1. **Players:** 2-4
2. **Deal:** 2 players, 12 cards each  
3 players, 9 cards each  
4 players, 6 cards each  
Remaining cards are placed in a stockpile from which to draw.
3. **Play:** Players take turns laying down 2 cards, stating the product of the 2 numbers; i.e. eight times six is forty-eight. The product is written down on a scorecard, and one card is drawn from the stockpile. The game ends when players have played all their cards.
4. **Object:** Scorecard numbers are added. The player with the highest total wins.

### **B. Random War**

1. **Players:** 2-4
2. **Deal:** All cards are dealt, including an

extra "hand". For example, if three players, there will be 4 piles of cards, etc. Players do not look at their cards, and the odd pile is placed in the middle

3. **Player to left of dealer** turns over a card from the middle pile. Players then take turns laying down a card, and stating the product of their card and the card in the middle. Highest product takes all the cards. Play ends when all cards have been played through once. In case of a tie, the rules of war prevail.
4. **Object:** Player with the most cards wins.
5. **Option with Dice:** All cards are dealt, with the exception of the "extra hand". Before play, player throws the dice. Then each player turns over a card, using the number on the dice as the multiplier. Highest product takes all the cards. Next player, throws the dice, and play continues.

### **C. Specific War**

1. **Players:** 2-4
2. **Deal:** Before the deal, a card is chosen to be the multiplier. For example, if players want to work on their 8's, they remove an 8 from the deck and turn it face up in the middle. The remaining cards are dealt to the players.
3. **Players** take turns turning over a card and stating the product. Highest product takes all the cards. In case of a tie, the rules of war prevail. Play ends when all the cards have been played through once.
4. **Object:** Player with the most cards wins.

### **D. Bingo** (with multiplication table/buttons or markers)

1. **Players:** 1-4
2. **Each player** has a deck and a multiplication table.

3. **Play:** In turn, players turn over 2 cards. They find the product on the table and place a marker on that number.
4. **First player** to get a line of markers across the table wins.
5. **Option:** Each player has a multiplication table print out as his "bingo card". Play is the same, except that each player marks only their own card with the product they turn over. First player to get any 5 numbers in a row, column or diagonal wins. They do not have to be consecutive.

### **E. Concentration**

1. **Players:** 2
2. **Deal:** Cards are laid out in 5 rows of 5 for a total of 25 cards. This is called the board. Remaining cards are placed in a stockpile.