



**WATCH ME FIRST!**



We can solve the 3s facts using the related 2s and 1s facts:

1<sup>st</sup> – Decompose the 3s fact into the related 2s and 1s facts.

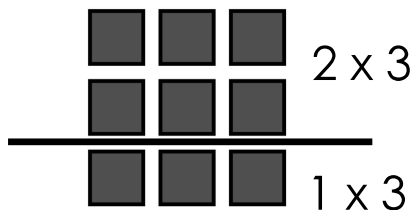
2<sup>nd</sup> – Find the product of both facts.

3<sup>rd</sup> – Solve the 3s fact by adding both products.

**EXAMPLE:** Find the product of  $3 \times 3$ .

**STEP 1**

$3 \times 3 = ?$



**STEP 2**

$$3 \times 3 = \underbrace{(2 \times 3)}_6 + \underbrace{(1 \times 3)}_3$$

**STEP 3**

$$3 \times 3 = \underbrace{(2 \times 3)}_6 + \underbrace{(1 \times 3)}_3$$

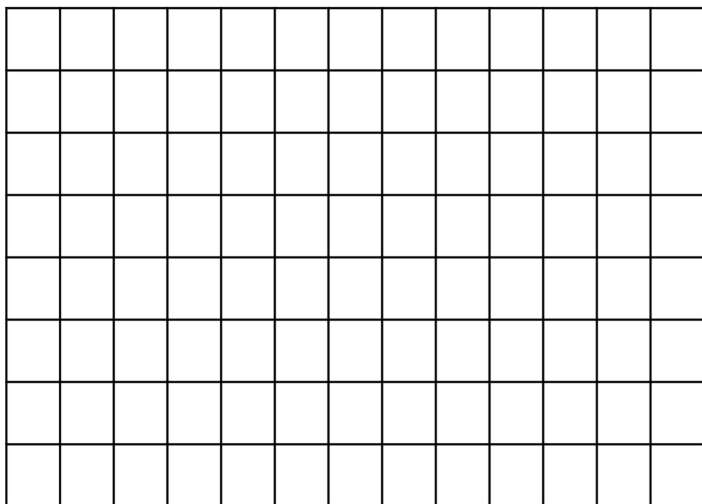
$$6 + 3$$

$$3 \times 3 = 9$$

**LET'S WORK TOGETHER!**

1) Draw a model and complete the steps to solve  $3 \times 4$ .

**STEP 1**



**STEP 2**

**STEP 3**







**YOUR TURN!** (continued)

4) Use the distributive property to find the product of  $3 \times 9$ .

**DRAW**


**RECORD & SOLVE**

5) Use the distributive property to find the product of  $3 \times 10$ .

**DRAW**


**RECORD & SOLVE**

6) Use the distributive property to find the product of  $3 \times 11$ .

**DRAW**


**RECORD & SOLVE**

7) Use the distributive property to find the product of  $3 \times 12$ .

**DRAW**


**RECORD & SOLVE**



**YOUR TURN!** (continued)

8) Explain the strategy we used to find the product of a 3s times table fact.

---

---

---

---

---

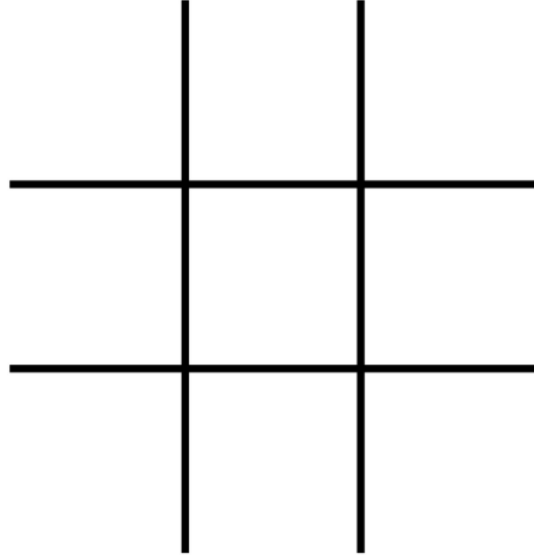
---

---

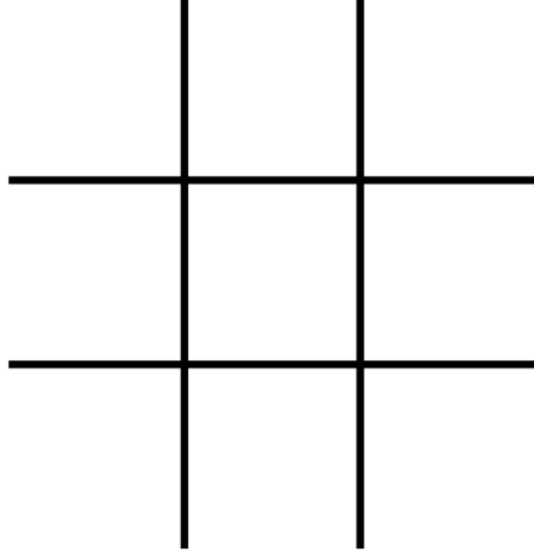
# 3 IN A ROW

## 3 TIMES TABLE GAME

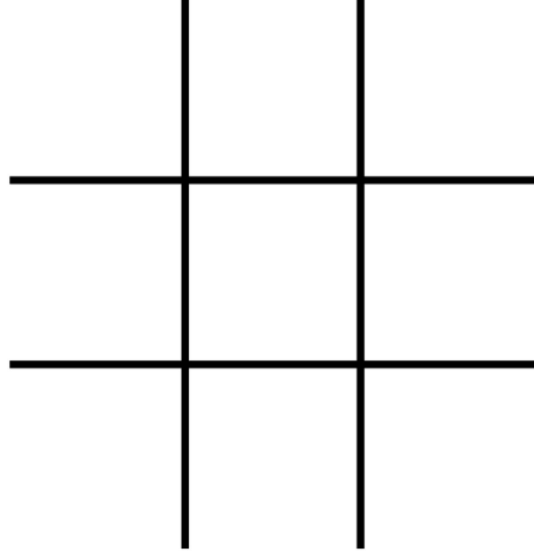
ROUND 1



ROUND 2



ROUND 3



### **DIRECTIONS**

Object of Game:

The first player to get 3 (X or O) marks in a row (vertically, horizontally or diagonally) wins.

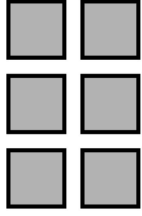
How to Play:

- 1) Player #1:
  - Picks a game card and answers it.
  - If the answer is correct, Player #1 writes an "X" in an empty space in the Round 1 grid.
  - If the answer is incorrect, Player #1 loses the turn.
- 2) Player #2 repeats the steps above, but uses "O".

**PLACE CARDS  
FACE DOWN  
HERE**

Use the 2s fact to solve  $3 \times 3$ .

$$2 \times 3 = 6$$



3's Facts Cards (U4L8 Extra Practice)

1

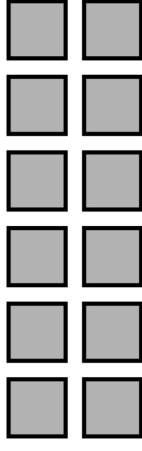
$$5 \times 3 = ?$$

3's Facts Cards (U4L8 Extra Practice)

2

Use the 2s fact to solve  $3 \times 6$ .

$$2 \times 6 = 12$$



3's Facts Cards (U4L8 Extra Practice)

3

$$7 \times 3 = ?$$

3's Facts Cards (U4L8 Extra Practice)

4

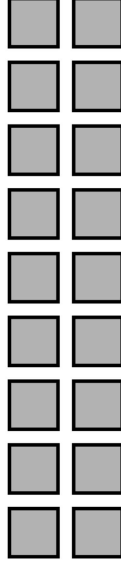
If  $2 \times 8 = 16$ ,  
what is  $3 \times 8 = ?$

3's Facts Cards (U4L8 Extra Practice)

5

Use the 2s fact to solve  $3 \times 9$ .

$$2 \times 9 = 18$$

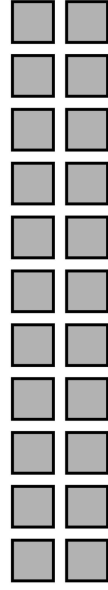


3's Facts Cards (U4L8 Extra Practice)

6

Use the 2s fact to solve  $3 \times 11$ .

$$2 \times 11 = 22$$



3's Facts Cards (U4L8 Extra Practice)

7

If  $2 \times 10 = 20$ ,  
what is  $3 \times 10 = ?$

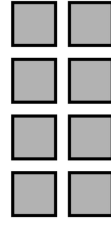
3's Facts Cards (U4L8 Extra Practice)

8

9

Use the 2s fact to solve  $3 \times 4$ .

$$2 \times 4 = 8$$

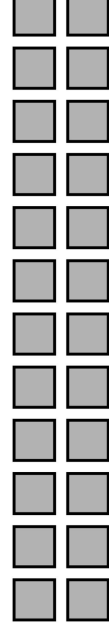


3's Facts Cards (U4L8 Extra Practice)

10

Use the 2s fact to solve  $3 \times 12$ .

$$2 \times 12 = 24$$



3's Facts Cards (U4L8 Extra Practice)

11

If  $2 \times 3 = 6$ ,  
what is  $3 \times 3 = ?$

3's Facts Cards (U4L8 Extra Practice)

12

If  $2 \times 7 = 14$ ,  
what is  $3 \times 7 = ?$

3's Facts Cards (U4L8 Extra Practice)

13

If  $2 \times 9 = 18$ ,  
what is  $3 \times 9 = ?$

3's Facts Cards (U4L8 Extra Practice)

14

**Solve  $3 \times 8$**   
 $(2 \times 8) + (1 \times 8) = ?$

3's Facts Cards (U4L8 Extra Practice)

15

**Solve  $3 \times 4$**

$(2 \times 4) + (1 \times 4) = ?$

3's Facts Cards (U4L8 Extra Practice)

16

**Solve  $3 \times 6$**

$(2 \times 6) + (1 \times 6) = ?$

3's Facts Cards (U4L8 Extra Practice)

17

**$11 \times 3 = ?$**

3's Facts Cards (U4L8 Extra Practice)

18



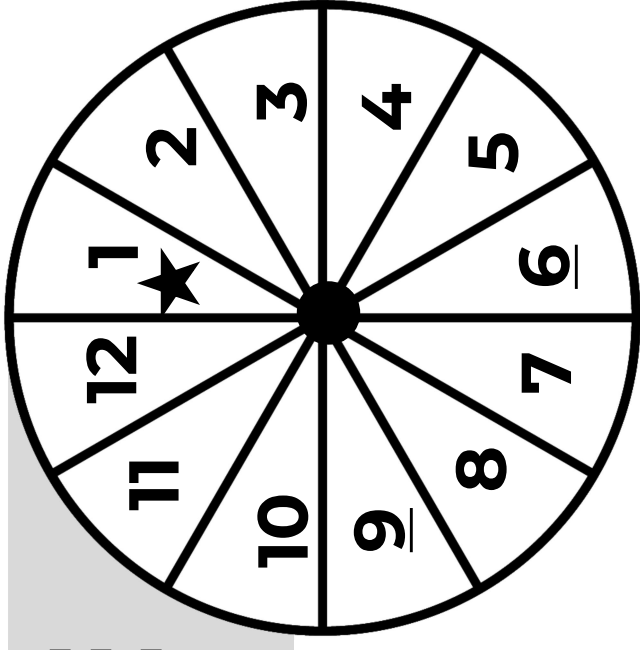
**ANSWER KEY****FACT CARDS**

<b>1.</b> $3 \times 3 = 9$	<b>10.</b> $3 \times 4 = 12$
<b>2.</b> $5 \times 3 = 15$	<b>11.</b> $3 \times 12 = 36$
<b>3.</b> $3 \times 6 = 18$	<b>12.</b> $3 \times 3 = 9$
<b>4.</b> $7 \times 3 = 21$	<b>13.</b> $3 \times 7 = 21$
<b>5.</b> $3 \times 8 = 24$	<b>14.</b> $3 \times 9 = 27$
<b>6.</b> $3 \times 9 = 27$	<b>15.</b> $3 \times 8 = 24$
<b>7.</b> $3 \times 11 = 33$	<b>16.</b> $3 \times 4 = 12$
<b>8.</b> $2 \times 3 = 6$	<b>17.</b> $3 \times 6 = 18$
<b>9.</b> $3 \times 10 = 30$	<b>18.</b> $11 \times 3 = 33$

PLAYER 1

# 3s TIMES TABLE

## EXTRA PRACTICE GAME



### GAMEBOARD

18	33	6	12	27	21
12	<div style="border: 1px solid black; padding: 5px; display: inline-block;">MY NUMBER</div> $\times 3 = ?$				36
27					15
15					30
3					24
6					3
9	9				
30	18	24	36	33	21

### DIRECTIONS:

Object of Game:

The first player to fill in an entire row or column wins.

1) Player #1:

- Spins a number (NOTE: Number 1 has a star because it is a free choice. It can either be a 1 or any number the player selects).
  - Multiply the number by 2 to find the product
  - Place an "X" on the product on the gameboard. (i.e. Spin a 3. The product of 3 and 2 is 6. Place "X" on the 6)
- 2) If no match is found, Player #1 loses a turn.
- 3) Player #2 repeats the steps above.

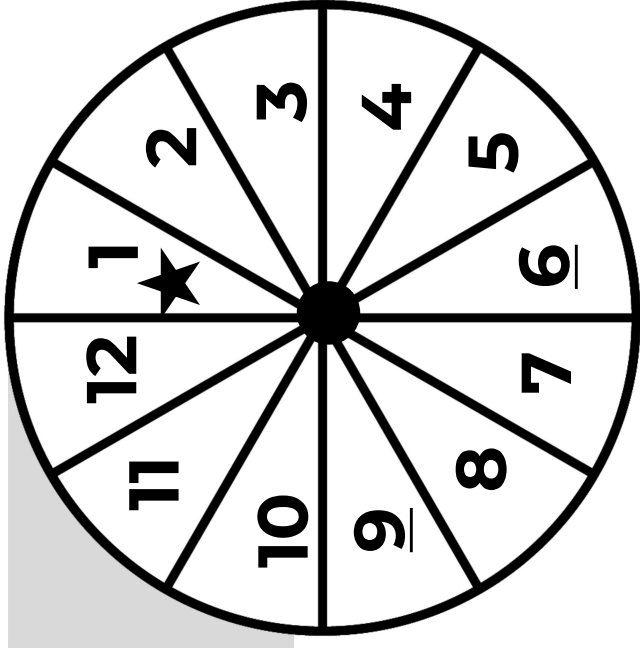
Materials:

- ✓ Player 1 and Player 2 Gameboards
- ✓ Pencils and Paper Clips

PLAYER 2

# 3s TIMES TABLE

## EXTRA PRACTICE GAME



### GAMEBOARD

18	33	6	12	27	21
12	<div style="border: 1px solid black; padding: 5px; display: inline-block;">MY NUMBER</div> $\times 3 = ?$				36
27					15
15					30
3					24
6					3
9	9				
30	18	24	36	33	21

### DIRECTIONS:

Object of Game:

The first player to fill in an entire row or column wins.

1) Player #1:

- Spins a number (NOTE: Number 1 has a star because it is a free choice. It can either be a 1 or any number the player selects).
  - Multiply the number by 2 to find the product
  - Place an "X" on the product on the gameboard. (i.e. Spin a 3. The product of 3 and 2 is 6. Place "X" on the 6)
- 2) If no match is found, Player #1 loses a turn.
- 3) Player #2 repeats the steps above.

Materials:

- ✓ Player 1 and Player 2 Gameboards
- ✓ Pencils and Paper Clips

# Times Tables Game Answers

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