

MULTIPLY TAC TOE Sample Game

© Fulcrum Math 2010



Object : Be the first to connect 3 products in a row with Xs or Os

1. To begin play, the **X** player chooses a 4 factor from 0 – 9 line and 5 as the multiplier by placing the colored markers on those numbers, and placing an **X** on the product 20.

| | | | | | |
|---|-----|---------------|----|----|---|
| P | 100 | 25 | 60 | 15 | P |
| R | 40 | 5 | 80 | 10 | R |
| O | 70 | 20 | 0 | 35 | O |
| D | 45 | 30 | 50 | 90 | D |
| U | | | | | U |
| C | | | | | C |
| T | | | | | T |
| S | | | | | S |

0 1 2 3 4 5 6 7 8 9

● or 10

For the remainder of the game the players can only move the red or the yellow marker in their turn – not both!

2. The **O** player places the first **O** on 5 after moving the yellow marker to 1. “Five times one is five”

| | | | | | |
|---|-----|---------------|----|----|---|
| P | 100 | 25 | 60 | 15 | P |
| R | 40 | 5 | 80 | 10 | R |
| O | 70 | 20 | 0 | 35 | O |
| D | 45 | 30 | 50 | 90 | D |
| U | | | | | U |
| C | | | | | C |
| T | | | | | T |
| S | | | | | S |

0 1 2 3 4 5 6 7 8 9

● or 10

3. The **X** player then places an **X** on 45 by moving the yellow marker to the 9. “Five times nine is forty five”

| | | | | | |
|---|---------------|---------------|----|----|---|
| P | 100 | 25 | 60 | 15 | P |
| R | 40 | 5 | 80 | 10 | R |
| O | 70 | 20 | 0 | 35 | O |
| D | 45 | 30 | 50 | 90 | D |
| U | | | | | U |
| C | | | | | C |
| T | | | | | T |
| S | | | | | S |

0 1 2 3 4 5 6 7 8 9

● or 10

4. The **O** player places an **O** on 30 by moving the yellow marker to 6. “Five times six is thirty”

| | | | | | |
|---|---------------|---------------|----|----|---|
| P | 100 | 25 | 60 | 15 | P |
| R | 40 | 5 | 80 | 10 | R |
| O | 70 | 20 | 0 | 35 | O |
| D | 45 | 30 | 50 | 90 | D |
| U | | | | | U |
| C | | | | | C |
| T | | | | | T |
| S | | | | | S |

0 1 2 3 4 5 6 7 8 9

● or 10

5. The **X** player places an **X** on 60 by moving the red marker to the 10. “Ten times six is sixty”

| | | | | | |
|---|---------------|---------------|---------------|----|---|
| P | 100 | 25 | 60 | 15 | P |
| R | 40 | 5 | 80 | 10 | R |
| O | 70 | 20 | 0 | 35 | O |
| D | 45 | 30 | 50 | 90 | D |
| U | | | | | U |
| C | | | | | C |
| T | | | | | T |
| S | | | | | S |

0 1 2 3 4 5 6 7 8 9

5 or ●

6. The **O** player places an **O** on 80 by moving the yellow marker to 8. “Ten times eight is eighty”

| | | | | | |
|---|---------------|---------------|---------------|----|---|
| P | 100 | 25 | 60 | 15 | P |
| R | 40 | 5 | 80 | 10 | R |
| O | 70 | 20 | 0 | 35 | O |
| D | 45 | 30 | 50 | 90 | D |
| U | | | | | U |
| C | | | | | C |
| T | | | | | T |
| S | | | | | S |

0 1 2 3 4 5 6 7 8 9

5 or ●

7. The **X** player places an **X** on 40 by moving the yellow marker to 4. “Ten times four is forty”

| | | | | | |
|---|---------------|---------------|---------------|----|---|
| P | 100 | 25 | 60 | 15 | P |
| R | 40 | 5 | 80 | 10 | R |
| O | 70 | 20 | 0 | 35 | O |
| D | 45 | 30 | 50 | 90 | D |
| U | | | | | U |
| C | | | | | C |
| T | | | | | T |
| S | | | | | S |

0 1 2 3 4 5 6 7 8 9

5 or ●

8. The **O** player places an **O** on 10 by moving the yellow marker to 1. “Ten times one is ten. Math Tac Toe, three in a row! I win!”

| | | | | | |
|---|---------------|---------------|---------------|----|---|
| P | 100 | 25 | 60 | 15 | P |
| R | 40 | 5 | 80 | 10 | R |
| O | 70 | 20 | 0 | 35 | O |
| D | 45 | 30 | 50 | 90 | D |
| U | | | | | U |
| C | | | | | C |
| T | | | | | T |
| S | | | | | S |

0 1 2 3 4 5 6 7 8 9

5 or ●