**Four-In-A-Row**

Instructions:

1. Children play in groups of two.
2. Determine a way to figure out who will go first.
3. The first player points two paper-clips to two numbers and places one chip on the product of those two numbers. Only one chip is place per turn.
4. The second player moves exactly one paper-clip and places a chip on the product of his or her numbers.
5. Play continues until one player has four-in-a-row, vertically, horizontally or diagonally.
6. The two paper-clips can point to the same number.
7. On their turn, the player must move exactly one paper-clip.

Note: To make more four-in-a-row boards, choose four numbers to practice multiplication with; this results in 10 products to work with; you will repeat 4 of these products three times and 6 of these products four times to fill your 36 squares; choose the ones you repeat four times to be the products your students need the most practice with.

**Four-In-A-Row**

Begin with 18 chips each.

Use a paper-clip to point to the two blue numbers you will multiply to place your chip.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 24 | 9 | 20 | 15 | 30 | 18 |
| 12 | 30 | 25 | 36 | 24 | 16 |
| 36 | 15 | 9 | 18 | 20 | 36 |
| 16 | 36 | 30 | 25 | 12 | 30 |
| 12 | 20 | 25 | 15 | 24 | 36 |
| 24 | 16 | 30 | 9 | 25 | 18 |

3 4 5 6

**Four-In-A-Row**

Begin with 18 chips each.

Use a paper-clip to point to the two blue numbers you will multiply to place your chip.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 25 | 49 | 30 | 28 | 35 | 24 |
| 28 | 35 | 36 | 42 | 16 | 30 |
| 24 | 42 | 16 | 49 | 35 | 36 |
| 35 | 36 | 42 | 28 | 30 | 25 |
| 20 | 49 | 28 | 24 | 36 | 16 |
| 16 | 25 | 20 | 42 | 49 | 20 |

4 5 6 7

**Four-In-A-Row**

Begin with 18 chips each.

Use a paper-clip to point to the two blue numbers you will multiply to place your chip.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 9 | 64 | 6 | 16 | 27 | 24 |
| 6 | 24 | 81 | 72 | 18 | 4 |
| 18 | 72 | 27 | 64 | 81 | 9 |
| 9 | 64 | 16 | 24 | 72 | 4 |
| 81 | 16 | 72 | 18 | 64 | 27 |
| 4 | 27 | 24 | 81 | 6 | 18 |

2 3 8 9

**Four-In-A-Row**

Begin with 18 chips each.

Use a paper-clip to point to the two blue numbers you will multiply to place your chip.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 18 | 9 | 24 | 49 | 16 | 36 |
| 16 | 21 | 42 | 28 | 24 | 12 |
| 36 | 28 | 49 | 18 | 42 | 16 |
| 49 | 18 | 12 | 21 | 28 | 9 |
| 21 | 42 | 36 | 24 | 49 | 18 |
| 28 | 24 | 9 | 12 | 21 | 42 |

3 4 6 7

**Four-In-A-Row**

Begin with 18 chips each.

Use a paper-clip to point to the two blue numbers you will multiply to place your chip.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 45 | 81 | 20 | 28 | 63 | 25 |
| 25 | 36 | 63 | 49 | 16 | 45 |
| 35 | 49 | 28 | 81 | 36 | 20 |
| 81 | 63 | 36 | 45 | 28 | 35 |
| 20 | 45 | 81 | 63 | 49 | 25 |
| 16 | 28 | 49 | 36 | 35 | 16 |

4 5 7 9