

# Find the Unknown Number

**Building Fluency:** understand division as an unknown factor problem

**Materials:** a recording sheet for each player, unknown number game cards

**Number of Players:** 2

**Directions:**

1. Spread out the missing number game cards.
2. Players take turns picking a card and telling the unknown number.
3. The player keeps all cards correctly answered & writes the equation as both a multiplication & division equation on their recording sheet.

Example:  $4 \times \boxed{7} = 28$ ;  $28 \div 4 = \boxed{7}$

4. If the player answers incorrectly, the card is placed back in the pile.
5. Play until all cards are picked and the player with the most cards wins.

**Variation/Extension:** When a player misses a question, the other player may answer correctly and keep the card. This game could be played by an individual just picking and recording equations. A multiplication chart may be needed to solve any disagreements.

**PLAYER 1**

Multiplication	Division
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.
9.	9.
10.	10.

**PLAYER 2**

Multiplication	Division
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.
8.	8.
9.	9.
10.	10.

$1 \times \underline{\quad} = 5$

$1 \times \underline{\quad} = 4$

$1 \times \underline{\quad} = 3$

$1 \times \underline{\quad} = 2$

$2 \times \underline{\quad} = 10$

$2 \times \underline{\quad} = 8$

$2 \times \underline{\quad} = 6$

$2 \times \underline{\quad} = 4$

$3 \times \underline{\quad} = 15$

$3 \times \underline{\quad} = 12$

$3 \times \underline{\quad} = 9$

$3 \times \underline{\quad} = 6$

$4 \times \underline{\quad} = 20$

$4 \times \underline{\quad} = 16$

$4 \times \underline{\quad} = 12$

$4 \times \underline{\quad} = 8$

$5 \times \underline{\quad} = 25$

$5 \times \underline{\quad} = 20$

$5 \times \underline{\quad} = 15$

$5 \times \underline{\quad} = 10$

$1 \times \underline{\quad} = 9$

$1 \times \underline{\quad} = 8$

$1 \times \underline{\quad} = 7$

$1 \times \underline{\quad} = 6$

$2 \times \underline{\quad} = 18$

$2 \times \underline{\quad} = 16$

$2 \times \underline{\quad} = 14$

$2 \times \underline{\quad} = 12$

$3 \times \underline{\quad} = 27$

$3 \times \underline{\quad} = 24$

$3 \times \underline{\quad} = 21$

$3 \times \underline{\quad} = 18$

$1 \times \underline{\quad} = 10$

$3 \times \underline{\quad} = 30$

$6 \times \underline{\quad} = 18$

$6 \times \underline{\quad} = 12$

$2 \times \underline{\quad} = 20$

$4 \times \underline{\quad} = 40$

$5 \times \underline{\quad} = 50$

$7 \times \underline{\quad} = 14$

$4 \times \underline{\quad} = 36$

$4 \times \underline{\quad} = 32$

$4 \times \underline{\quad} = 28$

$4 \times \underline{\quad} = 24$

$5 \times \underline{\quad} = 45$

$5 \times \underline{\quad} = 40$

$5 \times \underline{\quad} = 35$

$5 \times \underline{\quad} = 30$

$7 \times \underline{\quad} = 70$

$7 \times \underline{\quad} = 63$

$7 \times \underline{\quad} = 56$

$7 \times \underline{\quad} = 49$

$8 \times \underline{\quad} = 80$

$8 \times \underline{\quad} = 72$

$8 \times \underline{\quad} = 64$

$8 \times \underline{\quad} = 56$

$9 \times \underline{\quad} = 90$

$9 \times \underline{\quad} = 81$

$9 \times \underline{\quad} = 72$

$9 \times \underline{\quad} = 63$

$10 \times \underline{\quad} = 100$

$10 \times \underline{\quad} = 90$

$10 \times \underline{\quad} = 80$

$10 \times \underline{\quad} = 70$

$7 \times \underline{\quad} = 42$

$7 \times \underline{\quad} = 35$

$7 \times \underline{\quad} = 28$

$7 \times \underline{\quad} = 21$

$8 \times \underline{\quad} = 48$

$8 \times \underline{\quad} = 40$

$8 \times \underline{\quad} = 32$

$8 \times \underline{\quad} = 24$

$9 \times \underline{\quad} = 54$

$9 \times \underline{\quad} = 45$

$9 \times \underline{\quad} = 36$

$9 \times \underline{\quad} = 27$

$10 \times \underline{\quad} = 60$

$10 \times \underline{\quad} = 50$

$10 \times \underline{\quad} = 40$

$10 \times \underline{\quad} = 30$

$$6 \times \underline{\quad} = 54$$

$$6 \times \underline{\quad} = 48$$

$$6 \times \underline{\quad} = 42$$

$$6 \times \underline{\quad} = 36$$

$$6 \times \underline{\quad} = 30$$

$$6 \times \underline{\quad} = 24$$

$$10 \times \underline{\quad} = 20$$

$$8 \times \underline{\quad} = 16$$

$$6 \times \underline{\quad} = 60$$

$$9 \times \underline{\quad} = 18$$