

# Games

To bring our unit on multiplication and division to a fun end, use today to play some games to test your times tables knowledge!

These slides will give you some ideas.

- Create your own board game, using times tables knowledge to move forward in the game



# Bingo!

- Play Bingo with your family, calling out the numbers as multiplication or division questions



# Using dice

- Roll the dice to make your numbers. Then multiply together to get your answer.
- You could do
  - 2 digit x 2 digit
  - 3 digit x 2 digit
  - 4 digit x 1 digit
  - 4 digit x 2 digit
  - 3 digit by 4 digit if you're feeling confident!

# Using dice

## Countdown

Throw the dice 4 times to generate a 4 digit number

Players then have 3 minutes to make as many different calculations with the target numbers as an answer.

1 point is given for each correct calculation, using an operation which hasn't been used before. For example, a point is given for an addition calculation, but if a second addition calculation is recorded, a 2nd point wouldn't be given.

If a 3, 2, 1 and 6 were thrown, this would give a target number of 3216.

The players could create an addition calculation,

e.g.  $1568 + 1648 = 3216$ , or a subtraction calculation, e.g.

$4536 - 1320 = 3216$ . Another example would be a

calculation involving fractions, e.g.  $\frac{1}{2}$  of  $6432 = 3216$

# Using cards

## **Multiplication War**

You'll need one deck of cards. Split the deck equally between 2 players.

Players turn over the top card on their deck and the first person to multiply the numbers shown and say the product out loud is the winner and keeps both cards.

If there is a tie, cards go in the middle and the winner of the next round gets that pile too.

- Use the Jack as 11 and the Queen as 12.
- To make the game more challenging, you can also remove the 1's (aces) and 2's as well.

# Using cards

## 30 More or Less

For this game, you will need 1 - 2 decks of cards (your choice), with only the kings removed. Aces are 1, Jacks are 11, and Queens are 12. One player is designated as "More than 30" and the other is "Less than 30". Each player gets half of the cards and then players flip over their top card.

Students multiply these cards together and if the product is below 30, the Less Than Thirty child keeps the cards and if it is greater than 30, the More Than Thirty child keeps it. If it is exactly 30, the cards are left in the middle and the next winner keeps those cards as well. Play continues until the cards run out. The player with the most cards wins.

# Using cards

## Product hunt

Shuffle the cards and place in the middle of the table, face down.

Players (or independently) take it in turns to take a card and place it face up on the table.

Continue until 4 cards have been selected.

Once the 4 cards have been chosen, players have 3 minutes to make as many multiplication questions and calculate the answers as they can (e.g. if the cards 2, 9, 5 and 1 were chosen, they could write down the calculation  $291 \times 5$ ).



# Alternatively, here are some links to online games.

- <https://www.topmarks.co.uk/maths-games/7-11-years/multiplication-and-division>
- <https://mathsframe.co.uk/en/resources/category/7/multiplication-and-division>
- [https://www.mathplayground.com/index\\_multiplication\\_division.html](https://www.mathplayground.com/index_multiplication_division.html)
- <https://www.topmarks.co.uk/maths-games/hit-the-button>
- <https://trockstars.com/>