

Maths card games to help learn your number facts and multiplication tables.

(You will need a pack of playing cards, without the picture cards, to play the games.)

1. Pairs to ten

Turn all cards face down. Pick up two. If they total 10 then you keep them and have another go. If they do not total 10 then it is your opponent's turn to turn two cards over.

2. Total to ten

Divide the pack into two piles. You have one pile and your opponent has the other.

Decide who is going first. This person turns over a card. The first person to call out the number that you have to add to that card to make a total of ten wins that card. They put that at the bottom of their pile.

They then turn over another card from the top of their pack. The first person to call out the number that makes ten wins the card and so the game continues.

3. Total to one

Play the same game, but the total to make is now 1. You will need to use subtraction now in this game

4. Total of two cards

Divide the pack into two piles. You have one pile and your opponent has the other. You both turn over a card at the same time. The first person to add these together wins those two cards. They place these at the bottom of their pile. Then both of you turn a card over at the same time and the first person to add these together wins them and so on.

5. Subtract the cards

Play the game 'Total of two cards'. But this time, subtract one card from the other. The person who does this the quickest and accurately wins the two cards.

6. Multiplying by ten

Divide the pack into two piles. You have one pile and your opponent has the other.

Decide who is going first. This person turns over a card. The first person to multiply this number by 10 wins the card. They place this at the bottom of their pile and turn over another card and so on.

7. Double the card

Divide the pack into two piles. You have one pile and your opponent has the other.

Decide who is going first. This person turns over a card. The first person to double this number, wins it. Put it at the bottom of the pile. This person then turns over a card and the first person to double this number, wins it.

8. Multiply by 10, 2 or 5

Divide the pack into two piles. You have one pile and your opponent has the other.

Decide who is going first. This person turns over a card. The first person to multiply this number by 10, wins it. Put it at the bottom of the pile. This person then turns over a card and the first person to multiply this number by 10, wins it.

You could now play this game multiplying the card by 2 or 5. Have a go. Enjoy!

9. Multiply the two numbers together

Divide the pack into two piles. You have one pile and your opponent has the other. You both turn over a card at the same time. The first person to multiply the two numbers together wins the two cards and places them at the bottom of their pile. Then do it again. Enjoy!

10. Multiply by 3,4,6,7,8,9,11 or 12

Divide the pack into two piles. You have one pile and your opponent has the other.

Decide who is going first. This person turns over a card. The first person to multiply this by the chosen multiplication table, wins it. Put it at the bottom of the pile. This person then turns over a card and the first person to again multiply it by the chosen multiplication table, wins it.

Extension games: Now try playing these games with cards with larger numbers on.

P.S. Please write down any card games you can invent that helps you to learn your number bonds and multiplication tables and let me have them. I will then include them in the games pack above. Thank you.