

# Maths Game

## Card Calculations

A game for 2 players

### You will need:

- A shuffled deck of cards

### Instructions

#### Version 1: Adding Numbers

Shuffle the cards and deal them face down, between the two players so that they have an equal amount of cards.

Turn the top card from each pile over at the same time.

The first player to correctly add the two numbers shown and say it aloud wins the two cards and puts them in their 'win pile'.

This is repeated until all the cards have been used.

The winner is the player who has the most cards in their 'win pile'.

Picture cards can be worth 10 or you can make your own numbers for these e.g. Jack is 11, Queen is 12 and King is 13 or Jack is 20, Queen is 30 and King is 40 This will depend on the child's confidence with numbers.

#### Version 2: Subtracting Numbers

This game uses the same instructions as version 1 except that instead of adding the two numbers, the players find the difference between the two numbers revealed by taking the smaller number away from the greater number.

#### Version 3: Multiplying Numbers

This game uses the same instructions as version 1 except that instead of adding the two numbers, the players multiply the two numbers revealed.

For this version, it is useful to remove the Kings and give Jacks the value of 11 and Queens the value of 12.

These are just a few versions of the way this game can be played.

Why not try making up some of your own rules for playing this game.

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## Information for Parents/Carers

This game is to reinforce children's addition and subtraction knowledge in EYFS and KS1, and their times tables knowledge in KS2. Children in Year 3 should be familiar with their 2, 5 and 10 times tables and will have been working on their 3, 4 and 8 times tables. Children in Year 4 will have been working on their 6, 7, 9, 11 and 12 times tables. Children in Years 5 and 6 should be familiar with all times tables up to  $12 \times 12$ . You may want to make a note of the facts that your child struggles with and help them to practise that times table.

As a guide to which version of the game to play with your child:

**Reception:** Version 1 and Version 2 (picture cards are worth 10)

**Year 1:** Version 1 and Version 2 (picture cards are worth Jack 11; Queen 12; King 13)

**Year 2:** Version 1 and Version 2 (picture cards are worth Jack 20; Queen 20; King 30)

**Years 3, 4, 5 and 6:** Version 3

To see this game in action, you can watch it on the LPDS YouTube channel here:

<https://www.youtube.com/watch?v=Z1LzdzjBVk28>