

# KS1 - Practical Maths

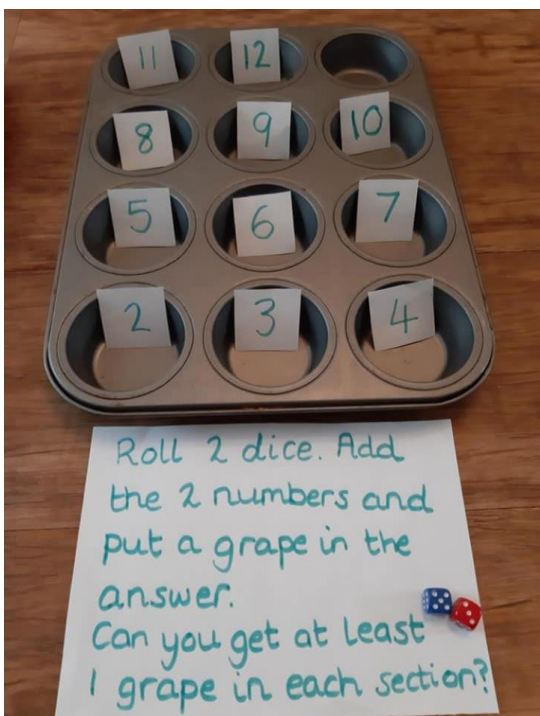
We have collected a number of practical maths activities for you to work on with your child at home. This is not a finite list and the ideas can be altered for a number of different topics as you see fit.



Resources that may be useful for these activities:

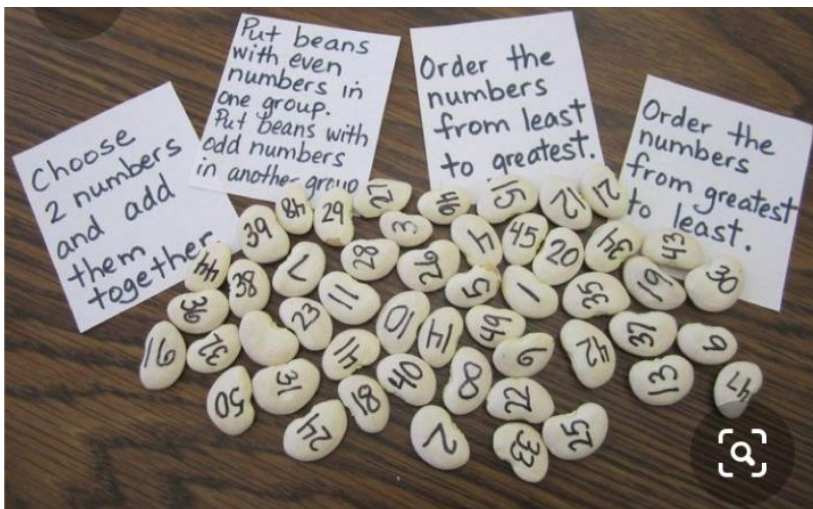
- bowls/muffin tray/cups or something similar
- counters/buttons or something similar
- a set of playing cards
- Lego
- coins
- paper
- dice
- chalk
- playdough
- sticks/spaghetti/lollipop sticks

*Many of these activities can be completed without the above if necessary.*



Using what you have at home, write the numbers from 2 to 12. Roll two dice and add together the numbers. Remove the card with the total of the dice. Repeat this until all of the number cards have been removed.

This could be a game for one person or more. The person with the most number cards at the end wins.

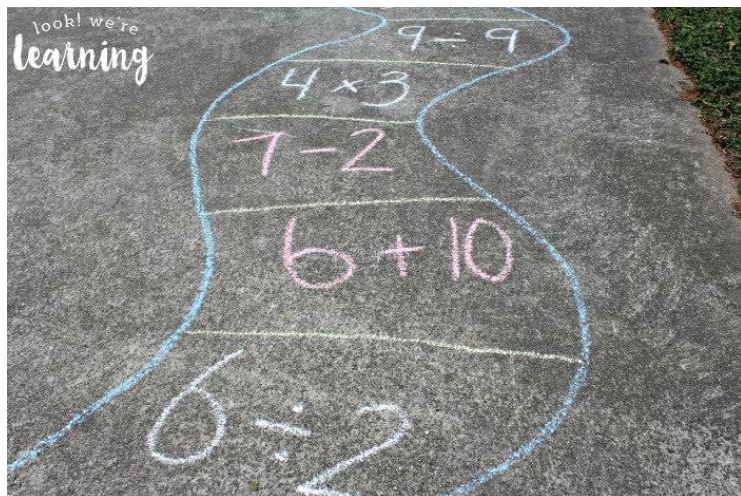


Using beans/counters/buttons or whatever you have at home, write numbers between 0 and 100. Then ask your child to order the number, sort them into odd and even, add two together etc.



For this activity, all you need is two different coloured pieces of paper. Cut these pieces up into small rectangles. On one colour write numbers, on the other colour write symbols ( $<$   $>$   $+$   $-$ ). Your child then needs to choose two numbers and a symbol and record them correctly.

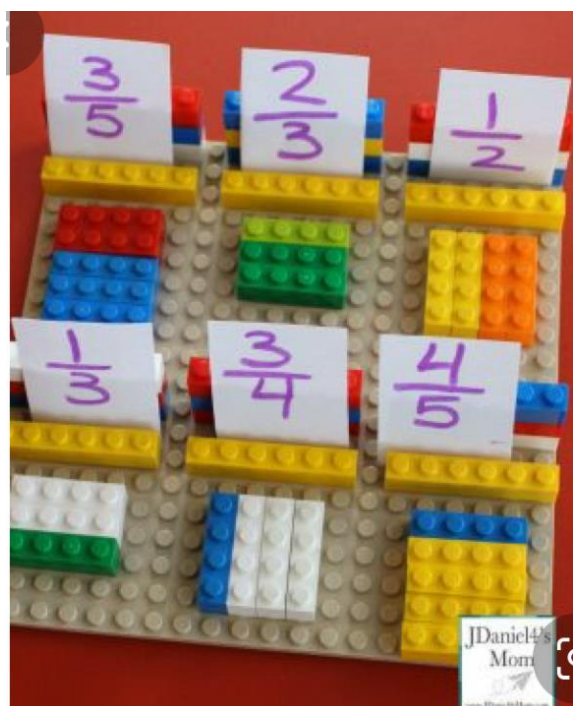




Using chalk in the garden or on the pavement, create a path with a number of maths questions. Your child can only move onto the next step once they have answered the question correctly.



Using a mirror and counters, practising doubling numbers.

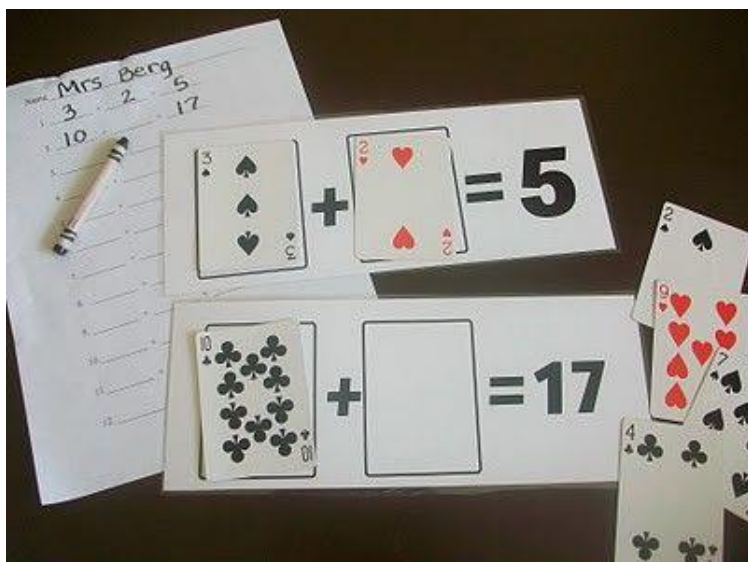
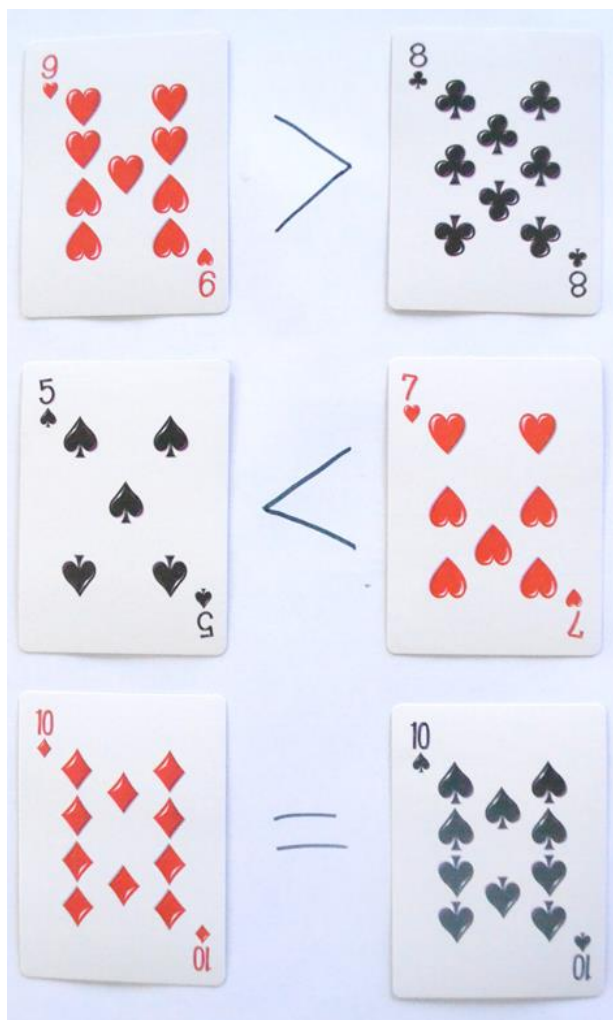
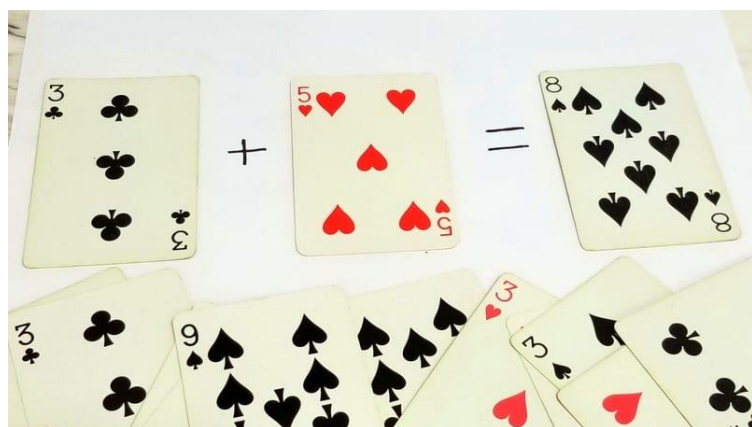


Use Lego to demonstrate fractions.



Using the numbered playing cards, choose two and multiply/add/subtract them. Use drawings if they cannot be calculated mentally.

(Drawing ones for addition and subtraction. Drawing arrays for multiplication.)

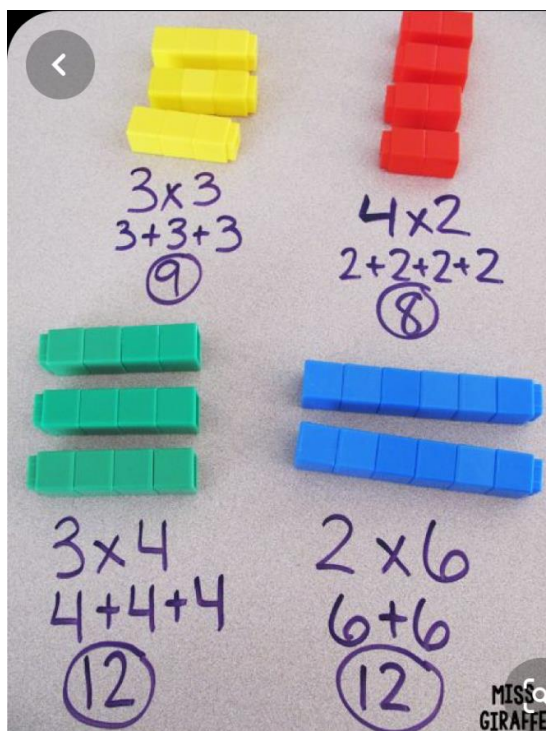




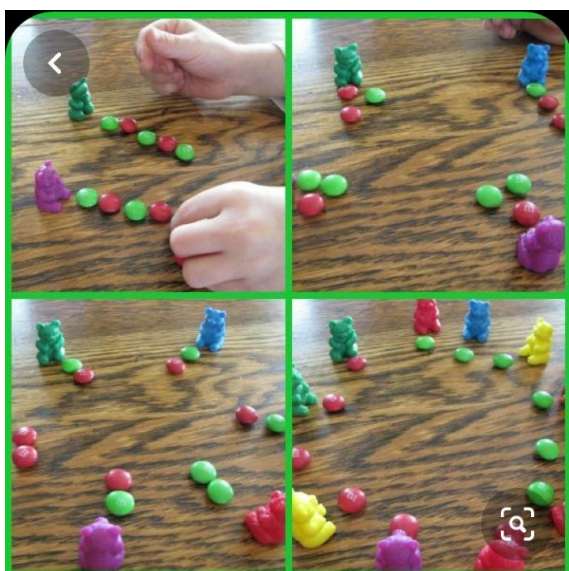


Look around the house and see how many items you can find which are grouped in 2s, 5s and 10s. Count them in 2s, 5s and 10s to find the total.

Challenge: Write the multiplication number sentence to match what you have counted in groups.



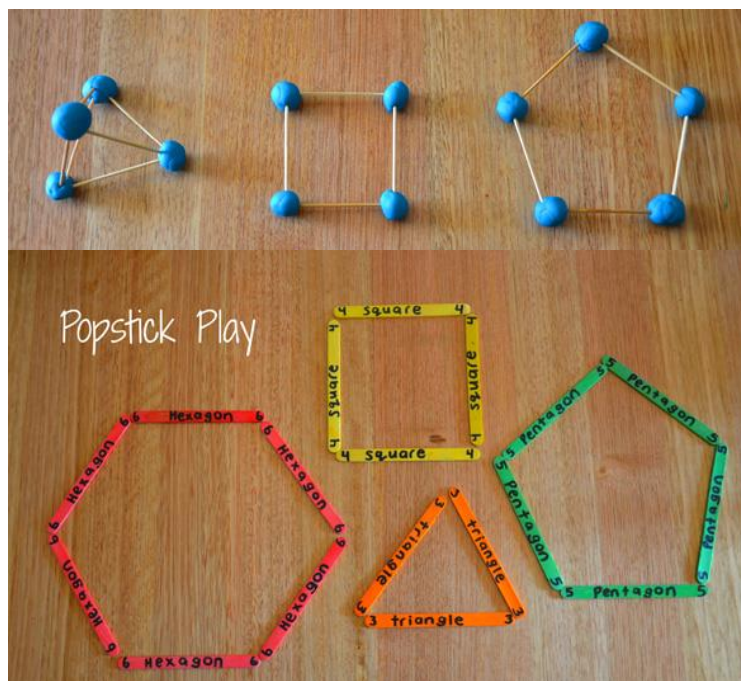
Using what you have at home, create arrays and then record the multiplication number sentences and repeated addition number sentences to match.



Using sweets/counters/buttons or whatever you have at home, you can practise sharing/division.



Lay out the numbers 1-12 in a circle to create a clock. Using anything you have at home, create different times on the clock.



Using cocktail sticks/spaghetti and playdough/plastercine, create 2D and 3D shapes. Ensure that your child can name each shape and identify some of their properties.



Using coloured paper, draw and cut out 2D shapes to make pictures. Ensure that your child can name each shape and identify some of their properties.





To help with recognition of coins, use crayons to create rubbings of coins.



Using a muffin tray/bowls/cups or whatever you have at home, write down some money totals. Your child now needs to use coins to create the total.



This game focuses on times tables. Choose a times table to focus on and put the answers around the trampoline (or just around the garden). Say a times table and your child has to jump/run to the answer.