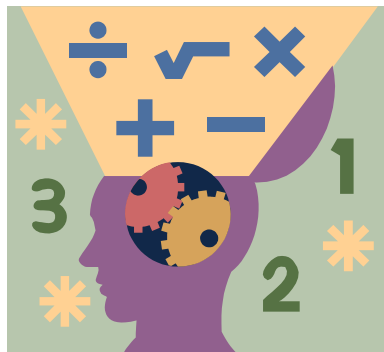




## Mental Maths Challenge Card



### Purple Booklet

Improve your mental maths skills by learning your number facts off by heart. Practice at home and when you are ready to be tested ask somebody to sign the booklet. If you know the facts off by heart your teacher will give you a sticker and you will be ready to move on. When you have completed all the challenges in this booklet you will get a certificate.

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date started: \_\_\_\_\_

Date completed: \_\_\_\_\_

## Guidance for Parents

Knowing number facts off by heart will make your child more confident with maths in class. They are also a necessary foundation for success in written methods which are introduced from year three.

Children who can calculate addition and subtraction facts mentally are less likely to make errors when working with larger numbers. Children who know their times tables will find formal multiplication and division easier to understand and will be able to work with fractions and decimals, manipulating numbers with confidence.

When working on mental methods at home 'little and often' is the key. You can practice anywhere - in the car, walking to school, cooking tea, waiting in a queue, in the bath etc. Try to make it fun and use games. There are also lots of on-line games that can help.

Remember lots of praise for improvement and the learning process.

Good luck and have fun!

Number Facts	Signed by Parent	Date Tested in school	Sticker
Count forwards and backwards in ones to 50			
Count in 2s to 20			
Count forwards and backwards in 10s to 100			
Count forwards from 50 to 150			
Say one more or one less than any 2 digit number			
Count backwards from 150 to 50			
Number bonds to 10 e.g. $3 + ? = 10$ , $? + 4 = 10$			
Subtraction facts to 10 e.g. $10 - 4$ , $10 - 8$			

Number Facts	Signed by Parent	Date Tested in school	Sticker
Double numbers to 5			
Double numbers to 10			
Halve even numbers to 10			
Add two single digit numbers mentally up to 20 e.g. $7 + 6$			
Subtract two single digit numbers e.g. $8 - 3$			
Count in 5s to 50			
Say 1 less than a multiple of 10 e.g. 1 less than 40 = 39			