

# Year One Maths Challenges

Welcome to your Maths Challenge page Year One!

I try to set a new challenge every week and I will text a grown up in your house when there is a new one on the website. It will always bring you to this page but I will keep adding them on!

You can work with a grown up at home to complete the challenge and then bring it to me between 9.15am and 9.30am any day of the week - as long as you check with your teacher first.

I will have a look at your fantastic work, ( I like to see lots of drawings and working out), and you will be able to choose a special Maths Challenge sticker!

The idea is to have lots of fun with your learning and show the grown ups you live with what you can do!

Have Fun!

Mrs Parry x



# Challenge One

I have 3 coins in my purse.

Can you guess how much I have? (there are lots of different answers)

It might help to ask someone at home if you can borrow some coins to solve this challenge.

Have fun and remember to give the coins back!  
Mrs Parry

Extra Challenge ...

If two of my coins are the same, what is the largest amount of money I could have?

# Challenge Two

This challenge is very open ended - which means you can think of as many answers as you can to solve it!

How many ways can you make the number 16?

Top Tip: Think of doubling and halving, addition and subtraction, big numbers and small numbers!

I expect to see at least 5 different ways!

Mrs Parry

# Challenge Three

Remember to show me your working and please write the number of the challenge at the top of your work! Don't copy your work out to make it look neat, I want to see your mistakes and working out as it helps me to see how you got to your answer!

*We all know that it is OK to make mistakes because they help us learn.*

I have found the recipe for a special potion. It can only have 10 animal legs in it.

I have these ingredients in stock:

Spiders with 8 legs  
Lizards with 4 legs  
Bats with 2 legs.

If I wanted to make my potion with 2 animals, which animals should I use?

If I were to make it with 3 animals which should I use?

EXTRA CHALLENGE? Can I make my potion with 4 or 5 animals if I am only allowed 10 animal legs?

Have fun!  
Mrs Parry

# Challenge Four

Hello Maths Friends!

This week I have created some word problems for you to solve. They may look tricky but if you work through them slowly and draw the pictures, you will be fine!

Please remember to show me your working - I want to see how your brain works!  
No working = No sticker!

Remember to have fun! Mrs Parry x

1. There are 9 classes in the school and each one has a teacher and teaching assistant. How many adults is that altogether? (Try drawing the class and the adults and count them all up)
2. In the staffroom, 9 teachers have 2 mugs each. How many mugs is this altogether?  
(Try drawing the 9 teachers and their mugs and then count the mugs altogether)
3. Lots of people like my turquoise chairs in my room. I have five. 3 children can fit on each of the chairs. How many children can sit in my room?  
(Try drawing the chairs with the children on)

Extra challenge - can you make up your own problem?

# Challenge Five

Hello Maths Friends!

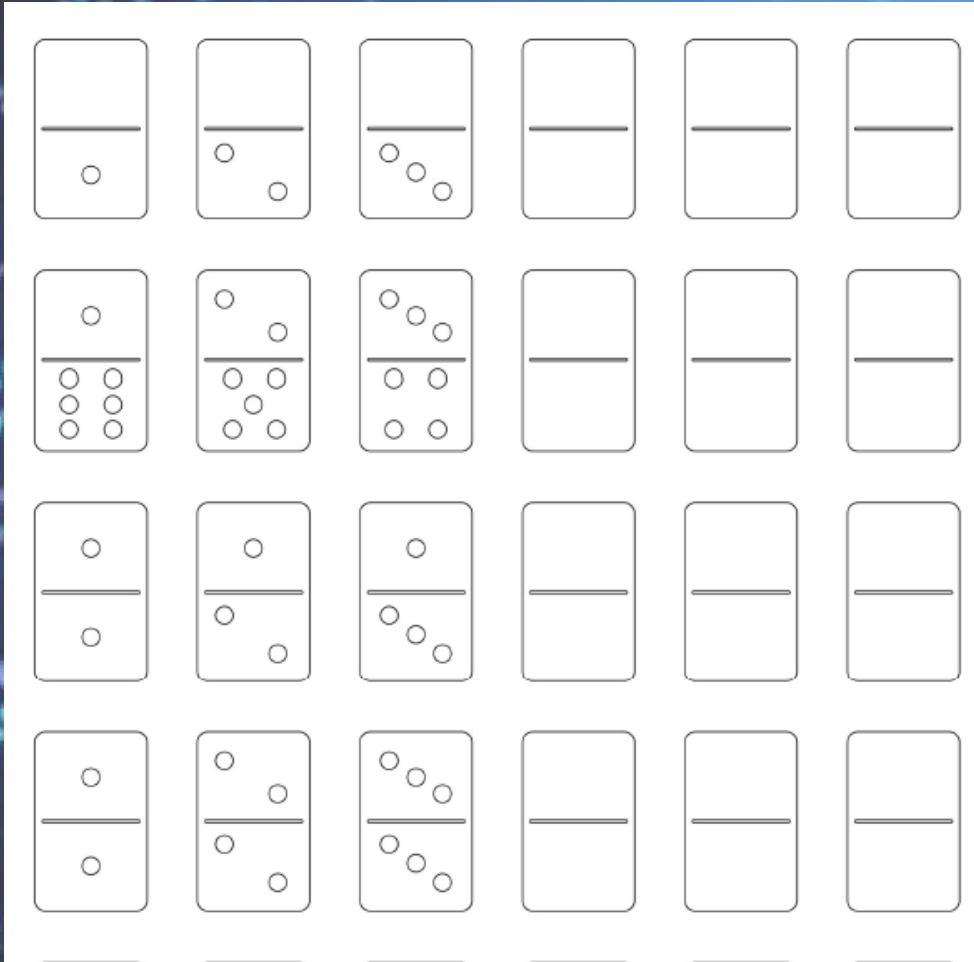
What number am I thinking of? (Show your working where you can!)

1. My number is an odd number and comes between 6 and 8. What is my number?
2. My number is 5 more than 9. What is my number?
3. My number has two digits in it and it is 2 less than 20. What is my number?
4. My number is bigger than 20 and smaller than 25. It is an even number. There are 4 units in it. What is my number?
5. My number is between 10 and 20. You say it when you count in fives. What is my number?

EXTRA CHALLENGE: Can you make your own 'Guess my number' problem?

Have fun!  
Mrs Parry

# Challenge Six



Can you make your own pattern?

Can you find the next dominoes in these patterns?

Have a look at all the spots and see what comes next! Look at the top and the bottom of the domino.

Have Fun!