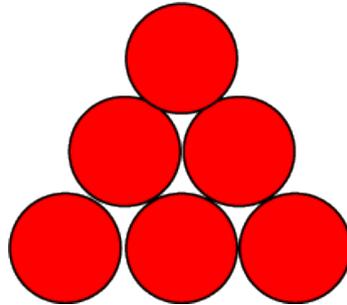
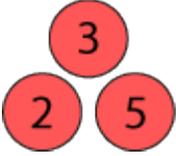


## Find the Difference

Place the numbers 1 to 6 in the circles so that each number is the difference between the two numbers just below it.



Example:   $5-2=3$

Find the difference between  
5624 and 695

How much less is 318 than  
4826?

## **Game – for 2 players**

Each of you draw a subtraction grid like this:


Throw the dice eight times each until all the cells are full.

**Whoever has the difference closest to 1000 wins.**

There are two possible scoring systems:

- A point for a win. The first person to reach 10 wins the game.
- Each player works out the difference between their result and 1000 after each round. They keep their running total. First to 5000 loses.

You can vary the target to make it easier or more difficult, perhaps including negative numbers as your target.

# Decrease 3408 by 212

## What is 8481 minus 349?

# Down to Nothing

This is a game for a single player, a pair or a small group.  
You need one calculator.

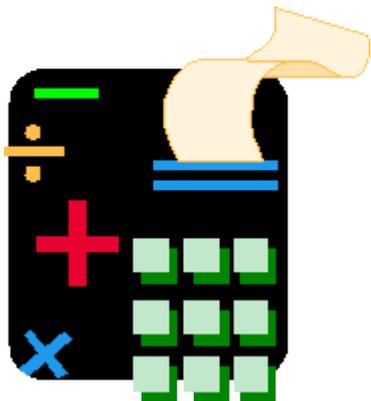
1. Enter 100 on the calculator.
2. Choose any single digit number (from 1 to 9) to take-away.
3. Leave the answer on the screen and the next player chooses a number to take-away.
4. Keep going until someone reaches exactly 0.

Agree on your scoring system before you begin. Here is one to start with:

1 point for an odd answer

2 points for an answer ending with 0

3 points for a multiple of 6 (that is; an answer from the 6 times table)



**For example:**

Player 1:  $100 - 7 = 93$  (Scores 1 point)

Player 2:  $- 3 = 90$  (Scores 2 points)

Player 1:  $- 5 = 85$  (Scores 1 point)

Player 2:  $- 5 = 80$  (Scores 2 points)

Player 1:  $- 8 = 72$  (Scores 3 points)

Player 2:  $- 2 = 70$  (Scores 1 point)

So far Players 1 and 2 have 5 points each. The game continues.  
The player with the highest score at the end of the game wins.

**Younger players might find it helpful to track the game with counters on a Hundred chart.**

# Roll These Dice



Two dice are RED and one is GREEN.

Roll the dice and add up the numbers on the two RED dice and then subtract the number on the GREEN.

So if one RED is 4 and the other RED is 5 and the GREEN is 3 we should add together 4 and 5 to make 9 and then subtract the 3 so that gives us a final answer of 6.

You'll need to roll these dice many times and see what numbers you make each time by doing the addition and subtraction.

In this game it would be good to find out:-

- what are the final answers by doing the addition and subtraction each time?
- what are all the different possible numbers?
- is there a good way of making sure you find them all?
- how will you record what you've found out?

Now have a go!

Daniel planned to drive 364 miles in one week. On the first day he drove 72 miles. How much further did he have to go?



A bus seats 52 people. No standing is allowed. 17 people get off a full bus.

How many were left on?



I think of a number and then subtract 18. The answer is 26. What was my number?



Four people paid £72 together for football tickets.

How much change did they get from £120?



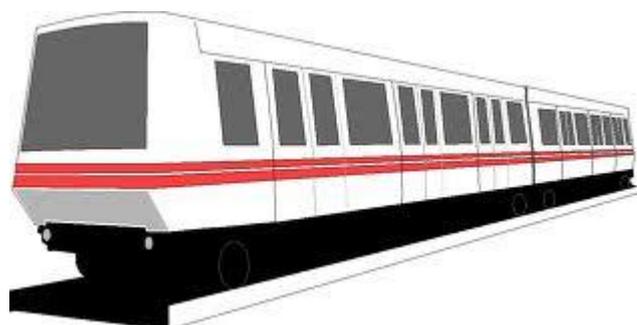
**Dad bought 3 tins of paint at £3.68 each.**



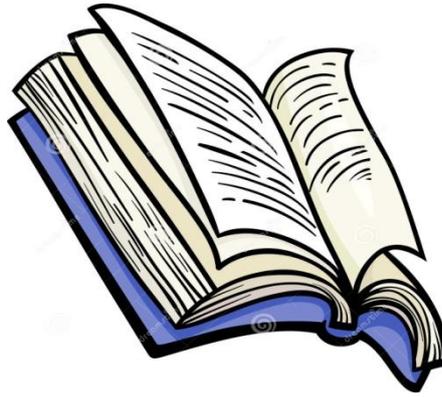
**What was his change from £20?**

**Take away 1262 from 4631.**

**A train has 463 passengers. 187 people get off. How many are left on the train?**



**Ben's book has 255 pages and Peter's has 196 pages.**



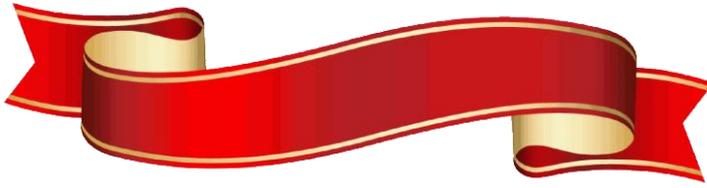
**How many more pages are there in Ben's book than Peter's?**

Mrs Green has £2703. She spends £1490 on a new kitchen, £358 on a holiday and £65 on new clothes.

How much money does she have left?



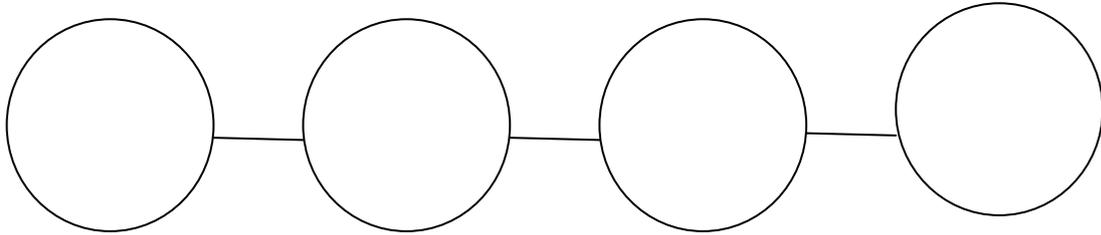
**A length of ribbon is  
3500mm.**



**How much of the ribbon is  
left after 1278mm has been  
cut off?**

$$6842 - 321$$

**Put the numbers 1 to 4 in the circles so that the difference between each pair of joined numbers is more than one.**



**Put the numbers 1 to 9 in the circles so that the difference between each pair of joined numbers is odd.**

