

# PLACE VALUE CHALLENGE # 1

Choose a 3-digit number ending in 99 and write it below.

— 9 9

Name the number that is:

- 100 more than this
- 10 more than this
- 1 more than this

Choose a 4-digit number ending in two zeroes and write it below.

— — 0 0

Name the number that is:

- 100 more than this
- 10 more than this
- 1 more than this

# PLACE VALUE CHALLENGE # 2

Choose a 4-digit number ending in 99 and write it below.

— — 9 9

Name the number that is:

- 100 more than this
- 10 more than this
- 1 more than this

Choose a 5-digit number ending in two zeroes and write it below.

— — — 0 0

Name the number that is:

- 100 more than this
- 10 more than this
- 1 more than this

# ADDITION AND SUBTRACTION CHALLENGE # 1

First, type Google dice into your web browser to generate a 3, 4, 5 or 6 digit number  
[https://www.google.com/search?rlz=1C1GCEU\\_enAU938AU938&q=google+dice&spell=1&sa=X&ved=2ahUKEwik7pa2kJzzAhXjwzgGHUG8CtIQBSgAegQIARAw&biw=1280&bih=577&dpr=1.5&safe=active&ssui=on](https://www.google.com/search?rlz=1C1GCEU_enAU938AU938&q=google+dice&spell=1&sa=X&ved=2ahUKEwik7pa2kJzzAhXjwzgGHUG8CtIQBSgAegQIARAw&biw=1280&bih=577&dpr=1.5&safe=active&ssui=on)

Next, draw a target in the middle of your page just like this;



Then, write a number in the middle of the target. Using addition or subtraction, make as many equations as you can that equal the target number. Repeat so if you start with a 3 digit number try a 4 digit and so on....

# ADDITION AND SUBTRACTION CHALLENGE # 2

Your awesome teacher is allowing you to organise a class party! They are giving you \$100 to spend on food, drinks and decorations!

Research the cost of the things you would like to have at your party. Compile a list of all the items and their prices, ensuring that the total cost does not exceed \$100.

# MULTIPLICATION AND DIVISION CHALLENGE

Starting from the number 8 on the snail shell and working your way its shell, using multiplication and division provide at least one multiplication and division statement for each number

For example;  $8 \times 1 = 8$  and  $8 \div 1 = 8$

Tip: If you get really stuck you can use addition and subtraction as a last resort!

