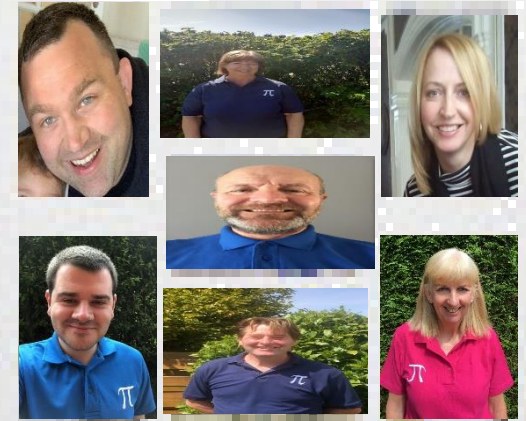**Welcome to the Mathematics and Numeracy Faculty**

The Dream Team

Tasks

Insert brackets and operators such that :

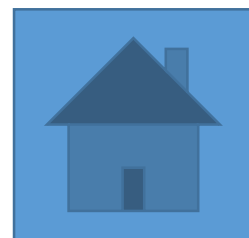$$5 \quad 5 \quad 5 \quad 5 \quad 5 = 24$$

Adding and Subtracting

- Pick any three different digits between 1 and 9
- Subtract the smallest number you can make with these digits from the largest number you can make with these digits
- Add the result to the reverse of the result
- What answer do you get?
- Try again with a different three digits
- What answer do you get?

Extension:

- Try the same task with more digits!

You're a farmer. You're going to a market to buy some animals. On the market there are 3 types of animals for sale. You can buy: Horses for £10 each, goats for £1 each and ducks, you get 8 of these per bunch and each bunch costs £1. The aim is to acquire 100 animals at the cost of £100, what is the combination of horses, goats and duck that allows you to do this? (you must buy at least one of each.)