Tuesday, 9th March 2021

L.I Revise types of number including factors, primes and squares.

1. List the first 5 multiples of a) 9 b) 11 c) 14 d) 20 e) 150	2. List all the factors of a) 5 b) 10 c) 15 d) 12 e) 16
3. Copy and complete a list of the first 10 square numbers e.g: 1 × 1 = 1 2 × 2 = 4 and so on…	4. Copy and complete the list of all prime numbers less than 30 __, __, __, __ , __, __, __, __, __, __
5. Without using a calculator, work out the following a) 6^2 b) 12^2 c) 5^3 d) 9^3	6.Without using a calculator, work out the following a) √64 b) √49 c) √144 d) √169
7.Use the clues to identify the numbers described below (there may be more than one answer) a) a prime number that is a factor of 16 b) a square number that is a multiple of 5 c) a square number greater than 10 with only 3 factors f) a number which is equal to the sum of all its factors (apart from the number itself)	
8.Miss Duggan has 32 sweets that she wishes to share amongst some of her friends. She shares them evenly. How many friends could Miss Duggan have?	
CHALLENGE: Mr Devlin has 49 pound coins and Miss Steel has 56 pound coins. They need to be put into wallets with an equal number of pound coins in each wallet. Mr Devlin says, "I think there will be wallets with 8 pound coins in each." "I think there will be wallets with 7 pound coins in each," replies Miss Steel. Who is correct? Explain how you know.	