

Tuesday, 9th March 2021



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

1. List the first 3 multiples of

- a) 2
- b) 4
- c) 5
- d) 10
- e) 100

2. List all the factors of

- a) 5 (2 factors)
- b) 10 (4 factors)
- c) 15 (4 factors)
- d) 12 (6 factors)
- e) 16 (5 factors)

3. Copy and complete a list of the first 10 square numbers e.g:

$$1 \times 1 = 1$$

2 \times 2 = 4 and so on...

4. Copy and complete the list of all prime numbers less than 30

2, 3, 5, 7, __, __, __, __, __, __

5. Without using a calculator, work out the following

- a) 2^2
- b) 10^2
- c) 9^2
- d) 5^3

6. Without using a calculator, work out the following (remember $\sqrt{\quad}$ means square root: e.g $\sqrt{16}$ is 4, because $4 \times 4 = 16$)

- a) $\sqrt{4}$
- b) $\sqrt{49}$
- c) $\sqrt{36}$
- d) $\sqrt{64}$

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 greater than 10 with only 3 factors

CHALLENGE:

Miss Duggan has 15 sweets that she wishes to share amongst some of her friends. She shares them evenly.

How many friends could Miss Duggan have?