

What is a factor?

A factor is a number that will divide into a number exactly.

What are the factors of 24?

1 x 24

2 x 12

3 x 8

4 x 6

~~5 x 2~~ won't work, 5 isn't a factor

6 x 4 we can now stop because we already have 4 and 6 so we have all the factors.

Factors of 24 are 1, 2, 3, 4, 6, 8, 12, 24

What is a multiple?

Multiples are really just your multiplication tables.

What are the multiples of 3?

3, 6, 9, 12 ...

Exercise 1: Find all the factors of:

1. 20

2. 36

3. 50

4. 32

5. 28

6. 44

7. 27

8. 42

Exercise 2: Give the first four multiples of:

1. 7

2. 10

3. 6

4. 8

5. 20

6. 11

7. 12

8. 25