

# Factor Bugs!



32	17	6
45	20	36
100	19	25
24	18	42
16	64	40

## Factors

A factor is a whole number which will divide exactly into another whole number

e.g. 3 is a factor of 12  
( $12 \div 3 = 4$ )  
4 is a factor of 12  
( $12 \div 4 = 3$ )

6 and 2 are also factors of 12 and so are 12 and 1.

Therefore, the factors of 12 are 3, 4, 6, 2, 1 and 12.

Remember, every number can be divided by 1 and the number itself.

A number whose only factors are 1 and the number itself is called a **prime number**

e.g. 11 is a prime number because it can only be divided by 1 and 11.