

# Max's Maths Flashcards: Factors and Multiples

*Learning objective: To identify factors and multiples of numbers up to 100.*

Cut out these cards. Read the question on the front. Say the answer out loud. Then, flip the card over to check if you are right!

**What is a factor?**

A number that divides exactly into another number with no remainder.

**Is 3 a factor of 12?**

Yes, because  $3 \times 4 = 12$ .

**List the factors of 6.**

1, 2, 3, 6.

**What is a multiple?**

A number you get when you multiply a number by a whole number.

**Is 20 a multiple of 5?**

Yes, because  $5 \times 4 = 20$ .

**List the first three multiples of 4.**

4, 8, 12.

**Is 7 a factor of 15?**

No, because 15 divided by 7 leaves a remainder.

**What are the factors of 10?**

1, 2, 5, 10.

**Is 18 a multiple of 3?**

Yes, because  $3 \times 6 = 18$ .

**What is  $2 \times 8$ ? (This is a multiple of 8).**

16.

**Can a number be its own factor?**

Yes, every number is a factor of itself (e.g.,  $5 \div 5 = 1$ ).

**Is 21 a multiple of 2?**

No, because 21 is an odd number.