Math Term

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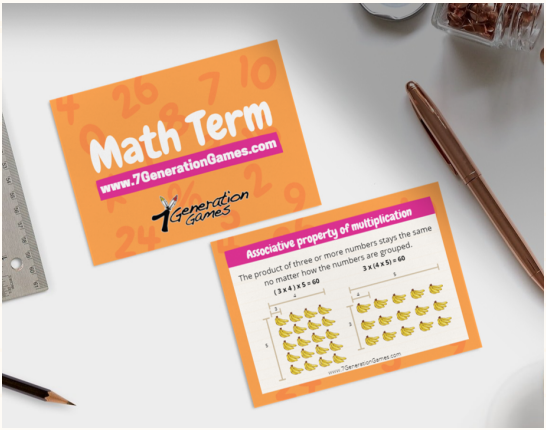
INSTRUCTIONS

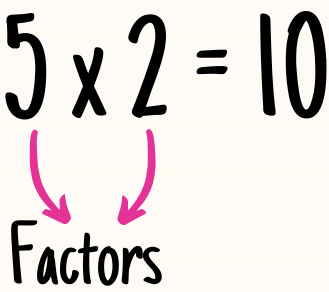


Print the cards and use them for learning and practicing Multiplication Math Terms! This can support your math class.

Factor

Factor

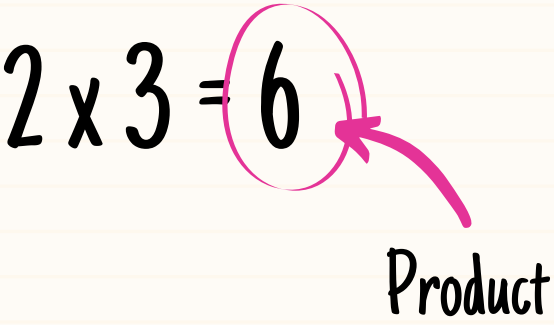
Multiplying two whole numbers gives a product. The numbers that we multiply are the factors of the product.



Product

Product

The result of two or more numbers when multiplied together.

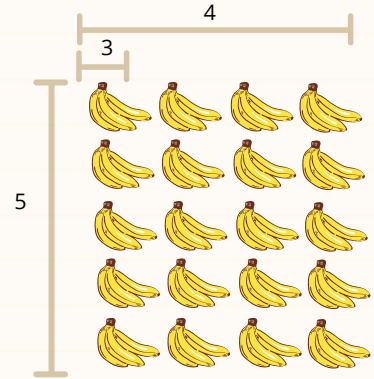


Associative property of multiplication

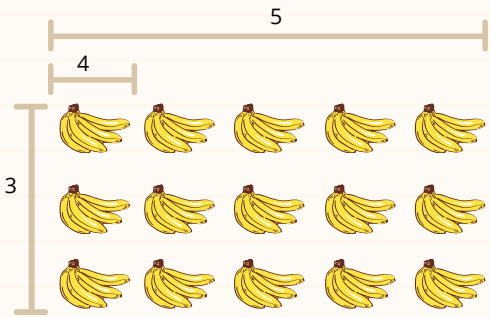
Associative property of multiplication

The product of three or more numbers stays the same no matter how the numbers are grouped.

(3 x 4) x 5 = 60



3 x (4 x 5) = 60



Commutative property of multiplication

Commutative property of multiplication

Changing the order of the numbers in a multiplication problem, does not change the product (result).

$$2 \times 5 \times 10 \times 6 = 5 \times 6 \times 10 \times 2$$

$$600 = 600$$

Distributive property of multiplication

Distributive property of multiplication

Multiplying two numbers (factors) together gives the same answer as if you break up one factor into two numbers, multiply and add together the products

$$2 \times 4 = 8$$

$$2 \times (3 + 1) = 8$$

$$(2 \times 3) + (2 \times 1) = 8$$

Identity property of multiplication

Identity property of multiplication

Any factor multiplied by 1 stays the same. Multiplying by 1 lets the factor keep its identity. But this doesn't apply when multiplying by 0

$1 \times 3 = 3$

$1 \times 66 = 66$

$1 \times 10{,}000 = 10{,}000$

But, $1 \times 0 = 0$

Zero property of multiplication

Zero property of multiplication

If you multiply any number by zero the answer will be 0.

$$0 \times 7 = 0$$

$$0 \times 39 = 0$$

$$0 \times 289 = 0$$

Multiply by 10

Multiply by 10

When multiplying by 10, just add a zero to the end of the number.

5 x 10 is 5 with a 0 at the end, which becomes 50

4 x 10 =40

11 x 10 = 110

98 x 10 = 980