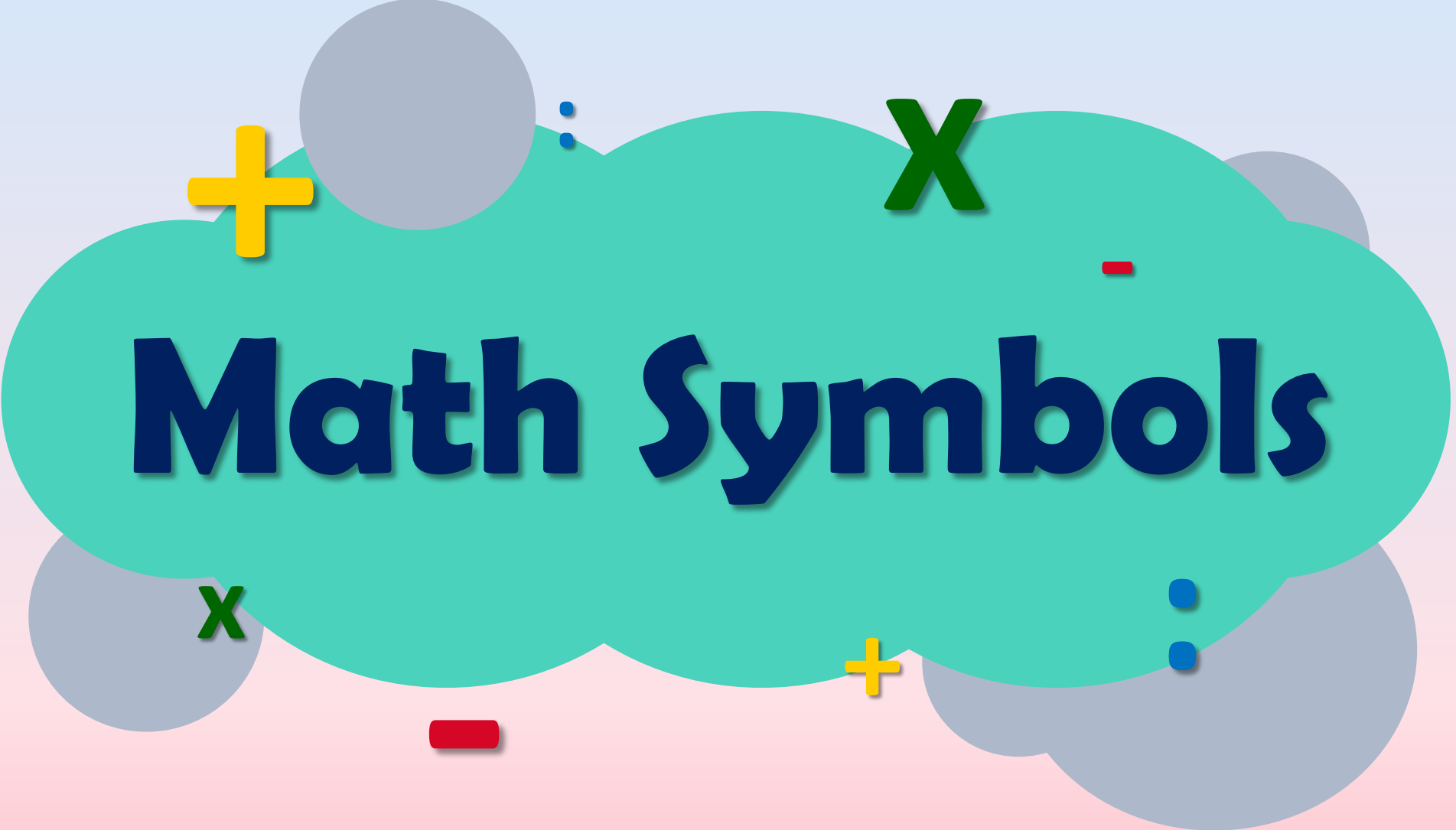


Associative Property of Addition

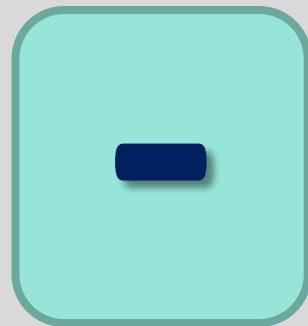
**Sifat Asosiatif (Sifat Pengelompokan)
pada Penjumlahan**



Math Symbols



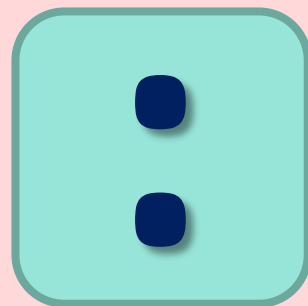
plus



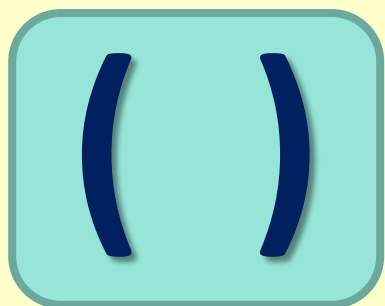
minus



times



divide

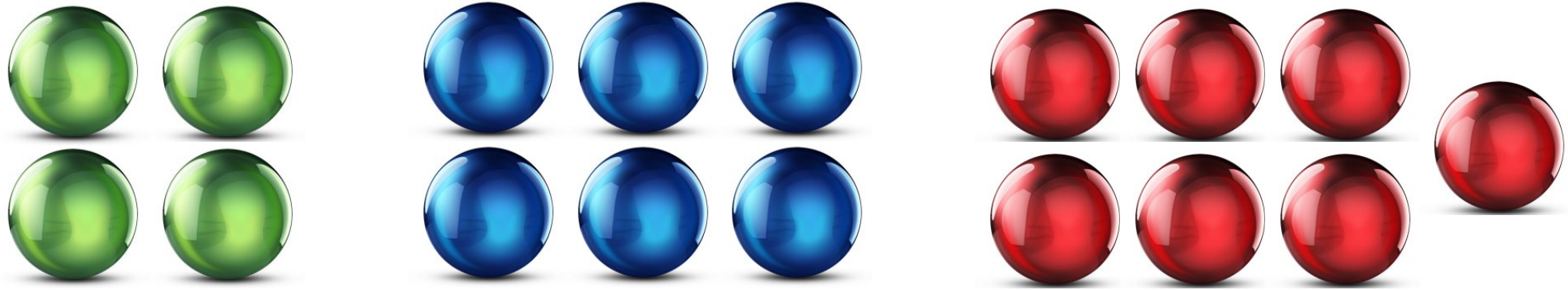


parenthesis

Associative Property of Addition

It says that

**“ You can group addends in different way
and still get the same sum. ”**



How many marbles does we have ?

$$(4 + 6) + 7$$

$$(4 + 6) + 7 = 4 + (6 + 7)$$

$$= 10 + 7$$

$$= 17$$

$$= 4 + 13$$

$$= 17$$

**Associative Property
of Addition**

How would we **rewrite** this using the **associative property**??

$$(4 + 6) + 7 = 4 + (6 + 7)$$

Form : **Associative Property of Addition**

$$(a + b) + c = a + (b + c)$$

How would we **rewrite** this using the
associative property??

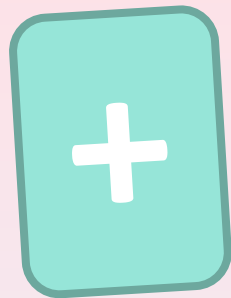
1 $(13 + 26) + 54 =$

2 $(237 + 63) + 89 =$

Fill in the **blanks** below using
associative property

1 $(\square + 77) + 103 = 256 + (\square + \square)$

2 $(\square + 72) + \square = 308 + (\square + 43)$



Let's Play



A Game



Example

$$20 + \underline{\quad} + 10 = \underline{\quad} + 15 + \underline{\quad}$$

(2 0 + 1 5) + 1 0

=

2 0 + (1 5 + 1 0)

1

+ 75 +

=

96 +

+ 25

(9 6 + 7 5) + 2 5

=

9 6 + (7 5 + 2 5)

2

120 +

+ 32 =

+ 48 + 32

(1 2 0 + 4 8) + 3 2

=

1 2 0 + (4 8 + 3 2)

3

$$103 + 67 + \square = \square + \square + 19$$

(1 0 3 + 6 7) + 1 9

=

1 0 3 + (6 7 + 1 9)