

Order of Operations

FIRST Parentheses,
then Multiplication
and Division, (completed
left to right)
then Addition
and Subtraction (completed left
to right)

Example 1: $5 + 3 \times 2$ ← No parentheses
so you do
multiplication first.
 $\downarrow \quad \downarrow$
 $5 + 6 = 11$

Example 2: $9 \div 3 + 8 \times 2$
 $\downarrow \quad \downarrow$
 $3 + 16 = 19$

Multiplication/division come
at same time. However, division
problem comes first in
this problem. Then jump to
multiplication problem.

Example 3: $12 \div 2 + (3 + 2)$
 $\downarrow \quad \downarrow$
 $6 + 5 = 11$

Do division 2nd.
Do any
parentheses first.