ORDER OF OPERATIONS (WITHOUT BRACKETS) INVOLVING MULTIPLICATION/DIVISION AND ADDITION/SUBTRACTION

Involving three numbers only

Step to Success:

1) Whichever comes first between multiplication or division, you need to work from left to right.

2) Whichever comes first between addition or subtraction, you need to work from left to right.

Example 1:

a) Find the value of 13 + 20 x 7

Step:

= 13 + 20 x 7

= 13 + 140

= 153

Carry out multiplication first before addition.

b) Find the value of 70 - 75 ÷ 5

Step:

= 70 - 75 ÷ 5

= 70 - 15

= 55

Carry out division first before subtraction.

Example 2:

a) Find the value of 6 x 6 - 15

Step:

= 6 x 6 - 15

= 36 - 15

= 21

Carry out multiplication first before subtraction.

b) Find the value of 72 ÷ 9 + 18

Step:

= 72 ÷ 9 + 18

= 8 + 18

= 26

Carry out division first before addition.

LIVEWORKSHEETS

Do the following operation based on the order of the operation.

(1) $25 + 3 \times 6$

(2) $49 - 4 \times 7$

(3) $6 \times 5 + 15$

(4) $17 - 64 \div 8$

(5) $27 + 120 \div 10$

(6) $144 \div 12 - 6$

LIVEWORKSHEETS