

- ✦ Enable the students to get used to do multiplication first in mixed operation with +/-
- ✦ Practice makes it naturally happens

Multiplication is King!

Sense of working on multiplication first-316

For mixed operation of multiplication, addition and subtraction, it is a **RULE** to do the multiplication first!

Which is right? Which is wrong?

$$8 - 3 \times 2 = 5 \times 2 = 10 \quad (\text{X})$$

$$8 - 3 \times 2 = 8 - 6 = 2 \quad (\checkmark)$$

Class discussion: *Teachers lead the discuss in class*

- Discuss the wrong one above why it is unreasonable.
8 minus something can't be 10 (> itself)
- How to help you remember multiplication first?
Circle, underline the parts
- What has higher priority than multiplication?
Brackets
- Put a "T" or "F" in each bracket.

Students try to get familiar with "Multiplication first"

$$1.) \quad 5 + 2 \times 3 = 11 \quad (\text{T})$$

$$2.) \quad 4 + 4 \times 2 = 16 \quad (\text{F})$$

$$3.) \quad 10 - 3 \times 2 = 4 \quad (\text{T})$$

$$4.) \quad 4 + 1 \times 3 = 15 \quad (\text{F})$$

$$5.) \quad 3 \times 7 + 3 = 24 \quad (\text{T})$$

$$6.) \quad 4 \times 8 - 3 = 29 \quad (\text{T})$$

$$7.) \quad 5 \times 9 - 4 = 25 \quad (\text{F})$$

$$8.) \quad 20 + 10 \times 4 = 120 \quad (\text{F})$$

$$9.) \quad 15 - 6 \times 2 = 3 \quad (\text{T})$$

$$10.) \quad 8 + 2 \times 5 = 18 \quad (\text{T})$$

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Do these sums.

11.) $1 + 2 \times 4 = (9)$

12.) $3 + 2 \times 6 = (15)$

13.) $5 + 4 \times 3 = (17)$

14.) $2 + 6 \times 8 = (50)$

15.) $7 + 1 \times 5 = (12)$

16.) $6 + 3 \times 4 = (18)$

17.) $2 \times 3 + 5 = (11)$

18.) $6 + 2 \times 4 = (14)$

19.) $11 + 4 \times 6 = (35)$

20.) $13 + 8 \times 3 = (37)$

21.) $8 - 2 \times 3 = (2)$

22.) $12 - 4 \times 2 = (4)$

23.) $18 - 8 \times 2 = (2)$

24.) $42 - 2 \times 7 = (28)$

25.) $68 - 8 \times 6 = (20)$

26.) $4 \times 9 - 9 = (27)$

27.) $45 - 12 \times 3 = (9)$

28.) $67 - 24 \times 2 = (19)$

29.) $56 - 13 \times 3 = (17)$

30.) $98 - 31 \times 3 = (5)$



Multiplication is King! - HW

Sense of working on multiplication first-316

Remind students to circle or underline the part they will do first.

Do these sums.

Q6, 12, 17 serve as wake-up calls

1.) $4 + 1 \times 5 = (9)$

2.) $3 + 6 \times 4 = (27)$

3.) $8 + 4 \times 2 = (16)$

4.) $17 - 7 \times 2 = (3)$

5.) $12 + 2 \times 7 = (26)$

6.) $6 \times 4 + 3 = (27)$

7.) $25 - 4 \times 5 = (5)$

8.) $23 + 7 \times 4 = (51)$

9.) $45 - 8 \times 4 = (13)$

10.) $25 + 12 \times 6 = (97)$

11.) $25 - 3 \times 6 = (7)$

12.) $15 \times 4 + 6 = (66)$

13.) $100 - 25 \times 3 = (25)$

14.) $76 - 21 \times 2 = (34)$

15.) $33 + 14 \times 4 = (89)$

16.) $53 - 13 \times 3 = (14)$

17.) $2 \times 44 - 24 = (64)$

18.) $24 + 8 \times 8 = (88)$

19.) $62 - 52 \times 1 = (10)$

20.) $133 - 33 \times 3 = (34)$

