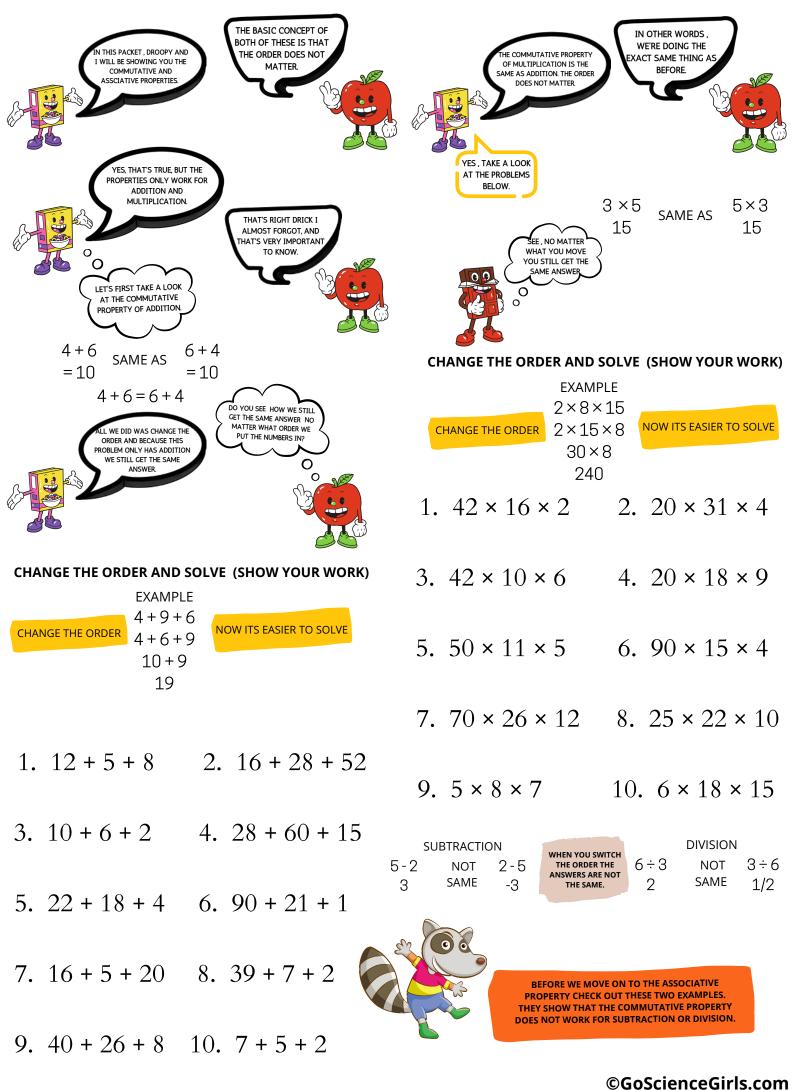
## COMMUTATIVE PROPERTY OF MULTIPLICATION



**COMMUTATIVE PROPERTY OF ADDITION** 

## ASSOCIATIVE PROPERTY OF MULTIPLICATION

1.  $(14 \times 12) \times 2$  2.  $20 \times (3 \times 10)$ 

3.  $(16 \times 4) \times 15$  4.  $25 \times (12 \times 16)$ 

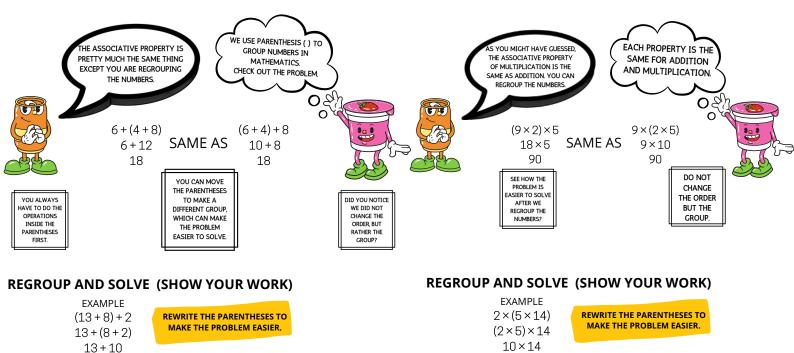
5.  $14 \times (13 \times 2)$  6.  $(16 \times 4) \times 5$ 

7.  $(30 \times 7) \times 5$  8.  $10 \times (6 \times 11)$ 

9.  $22 \times (16 \times 18)$  10.  $10 \times (2 \times 6)$ 

140

## ASSOCIATIVE PROPERTY OF ADDITION



- 1. (21 + 8) + 6 2. 16 + (20 + 4)
- 3. 42 + (11 + 2) 4. (22 + 15) + 10
- 5. 40 + (4 + 16) 6. 7 + (16 + 18)
- 7. (10 + 23) + 6 8. 25 + (18 + 4)
- 9. (17 + 9) + 10 10. 5 + (16 + 9)

CHANGE THE ORDER, GROUP, AND SOLVE(SHOW YOUR WORK)

EXAMPLE 5+8+5+2 5+5+8+2 (5+5)+(8+2) 10+10 20	GROUP THE NUMBERS.	CHANGE THE ORDER	YOU EX 5×2 5×2 (5×2 10
1. 6 + 2 + 5 + 8		1. 10 × 4 ×	12 >
2. 16 + 8 + 6 +2		2. 2 × 15 ×	18 >
3. 20 + 2 + 17 + 7		3. 50 × 5 ×	4 ×
4. 10 + 2 + 5 + 3		4. 7 × 8 × 2	× 1
5. 27 + 22 + 11 + 4		5. 16 × 30 ×	:4×
6. 15 + 14 + 12 + 2		6. 25 × 15 ×	10

X	/			
CHANGE THE ORDER , GROUP , AND SOLVE(SHOW YOUR WORK)				
	EXAMPLE $5 \times 25 \times 2 \times 4$			
CHANGE THE ORDER	5×2×25×4			
	(5×2)×(25×4) 10×100	GROUP THE NUMBERS.		
	1000			
1. $10 \times 4 \times 12 \times 20$				
2. 2 × 15 ×	× 18 × 60			
3. 50 × 5 ×	× 4 × 10			
4. $7 \times 8 \times 2$	2 × 11			
5. 16 × 30	× 4 × 3			
6. 25 × 15	× 10 × 5			
©GoScienceGirls com				

©GoScienceGirls.com