Name: _____ Date: _____

Commutative Property of Multiplication

Grade 3 | Using turnaround facts: changing the order of factors does not change the product | Version 2 of 10

Changing the order of the factors does not change the product. Example: 3 × 8 = 8 × 3, because both equal 24.

Part A: Write the missing factor.

1. 10 × 8 = 8 × _____
2. 1 × 8 = 8 × _____
3. 7 × 3 = 3 × _____
4. 8 × 6 = 6 × _____
5. 10 × 1 = 1 × _____
6. 4 × 9 = 9 × _____
7. 6 × 8 = 8 × _____
8. 3 × 9 = 9 × _____

Part B: Use the first fact to finish the turnaround fact.

9. If 9 × 3 = 27, then 3 × 9 = _____
10. If 8 × 4 = 32, then 4 × 8 = _____
11. If 10 × 6 = 60, then 6 × 10 = _____
12. If 5 × 6 = 30, then 6 × 5 = _____
13. If 6 × 2 = 12, then 2 × 6 = _____
14. If 9 × 6 = 54, then 6 × 9 = _____
15. If 2 × 4 = 8, then 4 × 2 = _____
16. If 2 × 1 = 2, then 1 × 2 = _____

Commutative Property of Multiplication - ANSWER KEY

Grade 3 | Using turnaround facts: changing the order of factors does not change the product | Version 2 of 10

Changing the order of the factors does not change the product. Example: 3 × 8 = 8 × 3, because both equal 24.

Part A: Write the missing factor.

1. 10 × 8 = 8 × **10**
2. 1 × 8 = 8 × **1**
3. 7 × 3 = 3 × **7**
4. 8 × 6 = 6 × **8**
5. 10 × 1 = 1 × **10**
6. 4 × 9 = 9 × **4**
7. 6 × 8 = 8 × **6**
8. 3 × 9 = 9 × **3**

Part B: Use the first fact to finish the turnaround fact.

9. If 9 × 3 = 27, then 3 × 9 = **27**
10. If 8 × 4 = 32, then 4 × 8 = **32**
11. If 10 × 6 = 60, then 6 × 10 = **60**
12. If 5 × 6 = 30, then 6 × 5 = **30**
13. If 6 × 2 = 12, then 2 × 6 = **12**
14. If 9 × 6 = 54, then 6 × 9 = **54**
15. If 2 × 4 = 8, then 4 × 2 = **8**
16. If 2 × 1 = 2, then 1 × 2 = **2**