Name: _____ Date: _____

Commutative Property of Multiplication

Grade 3 | Using turnaround facts: changing the order of factors does not change the product | Version 9 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. 6 × 3 = 3 × _____
2. 3 × 5 = 5 × _____
3. 3 × 4 = 4 × _____
4. 1 × 6 = 6 × _____
5. 7 × 5 = 5 × _____
6. 8 × 4 = 4 × _____
7. 9 × 10 = 10 × _____
8. 7 × 10 = 10 × _____

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

9. If 2 × 3 = 6, then 3 × 2 = _____
10. If 4 × 1 = 4, then 1 × 4 = _____
11. If 6 × 10 = 60, then 10 × 6 = _____
12. If 10 × 2 = 20, then 2 × 10 = _____
13. If 9 × 1 = 9, then 1 × 9 = _____
14. If 1 × 2 = 2, then 2 × 1 = _____
15. If 5 × 2 = 10, then 2 × 5 = _____
16. If 9 × 8 = 72, then 8 × 9 = _____

Commutative Property of Multiplication - ANSWER KEY

Grade 3 | Using turnaround facts: changing the order of factors does not change the product | Version 9 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. 6 × 3 = 3 × **6**
2. 3 × 5 = 5 × **3**
3. 3 × 4 = 4 × **3**
4. 1 × 6 = 6 × **1**
5. 7 × 5 = 5 × **7**
6. 8 × 4 = 4 × **8**
7. 9 × 10 = 10 × **9**
8. 7 × 10 = 10 × **7**

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

9. If 2 × 3 = 6, then 3 × 2 = **6**
10. If 4 × 1 = 4, then 1 × 4 = **4**
11. If 6 × 10 = 60, then 10 × 6 = **60**
12. If 10 × 2 = 20, then 2 × 10 = **20**
13. If 9 × 1 = 9, then 1 × 9 = **9**
14. If 1 × 2 = 2, then 2 × 1 = **2**
15. If 5 × 2 = 10, then 2 × 5 = **10**
16. If 9 × 8 = 72, then 8 × 9 = **72**