Name: _____ Date: _____

Commutative Property of Multiplication

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

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

9. If 10 × 3 = 30, then 3 × 10 = _____
10. If 3 × 4 = 12, then 4 × 3 = _____
11. If 2 × 5 = 10, then 5 × 2 = _____
12. If 10 × 8 = 80, then 8 × 10 = _____
13. If 4 × 9 = 36, then 9 × 4 = _____
14. If 6 × 8 = 48, then 8 × 6 = _____
15. If 7 × 1 = 7, then 1 × 7 = _____
16. If 1 × 8 = 8, then 8 × 1 = _____

Commutative Property of Multiplication - ANSWER KEY

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

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

9. If 10 × 3 = 30, then 3 × 10 = **30**
10. If 3 × 4 = 12, then 4 × 3 = **12**
11. If 2 × 5 = 10, then 5 × 2 = **10**
12. If 10 × 8 = 80, then 8 × 10 = **80**
13. If 4 × 9 = 36, then 9 × 4 = **36**
14. If 6 × 8 = 48, then 8 × 6 = **48**
15. If 7 × 1 = 7, then 1 × 7 = **7**
16. If 1 × 8 = 8, then 8 × 1 = **8**