Name: _____ Date: _____

Commutative Property of Multiplication

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

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

9. If 5 × 3 = 15, then 3 × 5 = _____
10. If 3 × 9 = 27, then 9 × 3 = _____
11. If 9 × 2 = 18, then 2 × 9 = _____
12. If 5 × 8 = 40, then 8 × 5 = _____
13. If 5 × 10 = 50, then 10 × 5 = _____
14. If 7 × 3 = 21, then 3 × 7 = _____
15. If 6 × 1 = 6, then 1 × 6 = _____
16. If 10 × 9 = 90, then 9 × 10 = _____

Commutative Property of Multiplication - ANSWER KEY

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

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

9. If 5 × 3 = 15, then 3 × 5 = **15**
10. If 3 × 9 = 27, then 9 × 3 = **27**
11. If 9 × 2 = 18, then 2 × 9 = **18**
12. If 5 × 8 = 40, then 8 × 5 = **40**
13. If 5 × 10 = 50, then 10 × 5 = **50**
14. If 7 × 3 = 21, then 3 × 7 = **21**
15. If 6 × 1 = 6, then 1 × 6 = **6**
16. If 10 × 9 = 90, then 9 × 10 = **90**