Name: _____ Date: _____

Commutative Property of Multiplication

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

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

9. If 9 × 5 = 45, then 5 × 9 = _____
10. If 8 × 3 = 24, then 3 × 8 = _____
11. If 4 × 5 = 20, then 5 × 4 = _____
12. If 7 × 9 = 63, then 9 × 7 = _____
13. If 7 × 10 = 70, then 10 × 7 = _____
14. If 8 × 10 = 80, then 10 × 8 = _____
15. If 8 × 7 = 56, then 7 × 8 = _____
16. If 10 × 7 = 70, then 7 × 10 = _____

Commutative Property of Multiplication - ANSWER KEY

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

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

9. If 9 × 5 = 45, then 5 × 9 = **45**
10. If 8 × 3 = 24, then 3 × 8 = **24**
11. If 4 × 5 = 20, then 5 × 4 = **20**
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