Name: _____ Date: _____

Commutative Property of Multiplication

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

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

9. If 2 × 10 = 20, then 10 × 2 = _____
10. If 7 × 5 = 35, then 5 × 7 = _____
11. If 6 × 5 = 30, then 5 × 6 = _____
12. If 6 × 9 = 54, then 9 × 6 = _____
13. If 3 × 6 = 18, then 6 × 3 = _____
14. If 8 × 6 = 48, then 6 × 8 = _____
15. If 4 × 7 = 28, then 7 × 4 = _____
16. If 4 × 3 = 12, then 3 × 4 = _____

Commutative Property of Multiplication - ANSWER KEY

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

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

9. If 2 × 10 = 20, then 10 × 2 = **20**
10. If 7 × 5 = 35, then 5 × 7 = **35**
11. If 6 × 5 = 30, then 5 × 6 = **30**
12. If 6 × 9 = 54, then 9 × 6 = **54**
13. If 3 × 6 = 18, then 6 × 3 = **18**
14. If 8 × 6 = 48, then 6 × 8 = **48**
15. If 4 × 7 = 28, then 7 × 4 = **28**
16. If 4 × 3 = 12, then 3 × 4 = **12**