Commutative Property of Multiplication - ANSWER KEY

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

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

9. If 3 × 2 = 6, then 2 × 3 = **6**
10. If 3 × 10 = 30, then 10 × 3 = **30**
11. If 9 × 7 = 63, then 7 × 9 = **63**
12. If 2 × 8 = 16, then 8 × 2 = **16**
13. If 7 × 8 = 56, then 8 × 7 = **56**
14. If 1 × 9 = 9, then 9 × 1 = **9**
15. If 9 × 10 = 90, then 10 × 9 = **90**
16. If 7 × 2 = 14, then 2 × 7 = **14**