Name _____

Missing Factor Worksheet - The Multiplicative Identity

Find the missing number that makes the equation true using the **Multiplicative Identity Property**. **Remember:** Multiplying by 1 keeps the number the same!

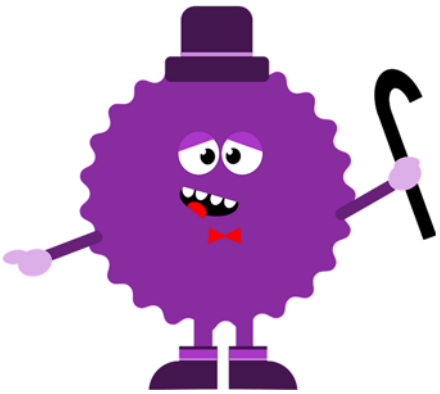
Example: 6 × 1 = 6 and Example: 1 × 9 = 9

Part 1 - Easy: Fill in the missing number. *Hint:* Multiplying by 1 doesn't change the number!

1. ___ × 1 = 4
2. 1 × ___ = 7
3. ___ × 1 = 12
4. 1 × ___ = 9
5. ___ × 1 = 1

Part 2 - Moderate: Find the missing factor in each equation. What number times 1 stays the same?

1. ___ × 1 = 20
2. 1 × ___ = 33
3. 1 × ___ = 105
4. ___ × 1 = 86
5. 200 × ___ = 200



Part 3 - Challenging: Now try with decimals, negatives, and variables!

1. ___ × 1 = -6
2. 1 × ___ = -12
3. 0.4 × ___ = 0.4
4. ___ × 1 = 3.75
5. x × 1 = ___
6. 1 × y = ___
7. ___ × 1 = m
8. 1 × 0 = ___
9. 1 × (-9.5) = ___
10. ___ × 1 = -0.25