



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26163

Name: _____

Standard: **CCSS.Math.Content.5.NBT.A.2**

Description: Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.

Determine the Unknown in a Multiply by Power of Ten Equation:

1. $702 \times 10^4 = \underline{\quad ? \quad}$	6. $\underline{\quad ? \quad} \times 10^5 = 70,000,000$
2. $\underline{\quad ? \quad} \times 10^2 = 173,000$	7. $\underline{\quad ? \quad} \times 10^2 = 851,000$
3. $90 \times 10^5 = \underline{\quad ? \quad}$	8. $296 \times 10^{\underline{\quad ? \quad}} = 296,000$
4. $8690 \times 10^2 = \underline{\quad ? \quad}$	9. $\underline{\quad ? \quad} \times 10^5 = 2,900,000$
5. $450 \times 10^{\underline{\quad ? \quad}} = 4,500,000$	10. $\underline{\quad ? \quad} \times 10^4 = 29,300,000$

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