



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26157

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. $738 \times 10^{\underline{\quad?}} = 7,380,000$	6. $\underline{\quad?} \times 10^5 = 34,100,000$
2. $\underline{\quad?} \times 10^3 = 198,000$	7. $4320 \times 10^2 = \underline{\quad?}$
3. $\underline{\quad?} \times 10^4 = 17,500,000$	8. $9230 \times 10^{\underline{\quad?}} = 9,230,000$
4. $\underline{\quad?} \times 10^2 = 192,000$	9. $270 \times 10^5 = \underline{\quad?}$
5. $3690 \times 10^3 = \underline{\quad?}$	10. $337 \times 10^{\underline{\quad?}} = 337,000$

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