



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26121

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. $\underline{\quad} \times 10^4 = 51,100,000$ | 6. $2270 \times 10^{\underline{\quad}} = 22,700,000$ |
| 2. $1260 \times 10^3 = \underline{\quad}$ | 7. $3310 \times 10^2 = \underline{\quad}$ |
| 3. $782 \times 10^5 = \underline{\quad}$ | 8. $8900 \times 10^3 = \underline{\quad}$ |
| 4. $5060 \times 10^{\underline{\quad}} = 50,600,000$ | 9. $\underline{\quad} \times 10^5 = 99,000,000$ |
| 5. $915 \times 10^{\underline{\quad}} = 91,500,000$ | 10. $430 \times 10^2 = \underline{\quad}$ |

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