



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26176

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. $4760 \times 10^{\underline{\quad?}} = 476,000$	6. $822 \times 10^{\underline{\quad?}} = 8,220,000$
2. $983 \times 10^4 = \underline{\quad?}$	7. $164 \times 10^{\underline{\quad?}} = 164,000$
3. $3830 \times 10^{\underline{\quad?}} = 3,830,000$	8. $\underline{\quad?} \times 10^2 = 487,000$
4. $713 \times 10^{\underline{\quad?}} = 71,300,000$	9. $\underline{\quad?} \times 10^5 = 6,600,000$
5. $\underline{\quad?} \times 10^2 = 700,000$	10. $\underline{\quad?} \times 10^4 = 50,700,000$

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