



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26191

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. $2170 \times 10^{\underline{\quad?}} = 217,000$	6. $\underline{\quad?} \times 10^3 = 8,650,000$
2. $7200 \times 10^{\underline{\quad?}} = 7,200,000$	7. $724 \times 10^{\underline{\quad?}} = 72,400,000$
3. $\underline{\quad?} \times 10^5 = 4,800,000$	8. $\underline{\quad?} \times 10^3 = 6,640,000$
4. $766 \times 10^{\underline{\quad?}} = 766,000$	9. $1610 \times 10^2 = \underline{\quad?}$
5. $25 \times 10^{\underline{\quad?}} = 2,500,000$	10. $\underline{\quad?} \times 10^5 = 58,900,000$

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