



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26128

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. $2210 \times 10^{\underline{\quad?}} = 22,100,000$	6. $\underline{\quad?} \times 10^3 = 9,660,000$
2. $\underline{\quad?} \times 10^3 = 834,000$	7. $123 \times 10^{\underline{\quad?}} = 1,230,000$
3. $3430 \times 10^4 = \underline{\quad?}$	8. $\underline{\quad?} \times 10^3 = 2,590,000$
4. $310 \times 10^{\underline{\quad?}} = 310,000$	9. $\underline{\quad?} \times 10^4 = 47,600,000$
5. $1340 \times 10^2 = \underline{\quad?}$	10. $3530 \times 10^2 = \underline{\quad?}$

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