



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26129

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. $8920 \times 10^{\underline{\quad?}} = 8,920,000$	6. $444 \times 10^5 = \underline{\quad?}$
2. $144 \times 10^{\underline{\quad?}} = 14,400,000$	7. $8670 \times 10^{\underline{\quad?}} = 867,000$
3. $540 \times 10^{\underline{\quad?}} = 5,400,000$	8. $8840 \times 10^4 = \underline{\quad?}$
4. $6750 \times 10^{\underline{\quad?}} = 675,000$	9. $8240 \times 10^2 = \underline{\quad?}$
5. $827 \times 10^3 = \underline{\quad?}$	10. $3380 \times 10^3 = \underline{\quad?}$

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