



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26108

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. $690 \times 10^{\underline{\quad?}} = 690,000$	6. $884 \times 10^{\underline{\quad?}} = 88,400,000$
2. $\underline{\quad?} \times 10^4 = 72,400,000$	7. $792 \times 10^{\underline{\quad?}} = 792,000$
3. $3780 \times 10^2 = \underline{\quad?}$	8. $184 \times 10^{\underline{\quad?}} = 18,400,000$
4. $\underline{\quad?} \times 10^4 = 76,600,000$	9. $\underline{\quad?} \times 10^4 = 7,490,000$
5. $3670 \times 10^{\underline{\quad?}} = 367,000$	10. $\underline{\quad?} \times 10^3 = 6,550,000$

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