



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26154

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. $7870 \times 10^{\underline{\quad?}} = 7,870,000$	6. $8000 \times 10^2 = \underline{\quad?}$
2. $\underline{\quad?} \times 10^4 = 48,500,000$	7. $757 \times 10^{\underline{\quad?}} = 757,000$
3. $8960 \times 10^{\underline{\quad?}} = 8,960,000$	8. $799 \times 10^4 = \underline{\quad?}$
4. $3590 \times 10^4 = \underline{\quad?}$	9. $8380 \times 10^{\underline{\quad?}} = 8,380,000$
5. $152 \times 10^5 = \underline{\quad?}$	10. $\underline{\quad?} \times 10^5 = 45,700,000$

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