



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26135

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. $2560 \times 10^{\underline{\quad?}} = 256,000$	6. $880 \times 10^3 = \underline{\quad?}$
2. $6250 \times 10^3 = \underline{\quad?}$	7. $9470 \times 10^{\underline{\quad?}} = 94,700,000$
3. $6450 \times 10^2 = \underline{\quad?}$	8. $\underline{\quad?} \times 10^3 = 5,620,000$
4. $5400 \times 10^3 = \underline{\quad?}$	9. $5730 \times 10^{\underline{\quad?}} = 573,000$
5. $110 \times 10^2 = \underline{\quad?}$	10. $\underline{\quad?} \times 10^5 = 6,500,000$

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