



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26162

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. $2180 \times 10^{\underline{\quad?}} = 21,800,000$

6. $915 \times 10^{\underline{\quad?}} = 9,150,000$

2. $917 \times 10^5 = \underline{\quad?}$

7. $\underline{\quad?} \times 10^5 = 90,700,000$

3. $\underline{\quad?} \times 10^2 = 94,000$

8. $1200 \times 10^{\underline{\quad?}} = 12,000,000$

4. $640 \times 10^{\underline{\quad?}} = 64,000,000$

9. $952 \times 10^3 = \underline{\quad?}$

5. $576 \times 10^{\underline{\quad?}} = 576,000$

10. $1960 \times 10^2 = \underline{\quad?}$

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