



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26194

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. $882 \times 10^3 = \underline{\quad ? \quad}$

6. $173 \times 10^{\underline{\quad ? \quad}} = 173,000$

2. $806 \times 10^{\underline{\quad ? \quad}} = 80,600,000$

7. $314 \times 10^{\underline{\quad ? \quad}} = 3,140,000$

3. $\underline{\quad ? \quad} \times 10^3 = 7,960,000$

8. $251 \times 10^{\underline{\quad ? \quad}} = 251,000$

4. $671 \times 10^{\underline{\quad ? \quad}} = 6,710,000$

9. $\underline{\quad ? \quad} \times 10^5 = 46,000,000$

5. $5180 \times 10^{\underline{\quad ? \quad}} = 518,000$

10. $2930 \times 10^{\underline{\quad ? \quad}} = 29,300,000$

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