



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26199

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. $498 \times 10^3 = \underline{\quad ? \quad}$	6. $7800 \times 10^{\underline{\quad ? \quad}} = 780,000$
2. $922 \times 10^4 = \underline{\quad ? \quad}$	7. $1580 \times 10^{\underline{\quad ? \quad}} = 15,800,000$
3. $8470 \times 10^{\underline{\quad ? \quad}} = 8,470,000$	8. $\underline{\quad ? \quad} \times 10^5 = 27,500,000$
4. $283 \times 10^4 = \underline{\quad ? \quad}$	9. $670 \times 10^2 = \underline{\quad ? \quad}$
5. $\underline{\quad ? \quad} \times 10^3 = 854,000$	10. $\underline{\quad ? \quad} \times 10^3 = 1,380,000$

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