



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26153

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. $10 \times 10^4 = \underline{\quad ? \quad}$	6. $\underline{\quad ? \quad} \times 10^4 = 90,400,000$
2. $7480 \times 10^{\underline{\quad ? \quad}} = 748,000$	7. $8530 \times 10^3 = \underline{\quad ? \quad}$
3. $\underline{\quad ? \quad} \times 10^5 = 14,100,000$	8. $7630 \times 10^{\underline{\quad ? \quad}} = 763,000$
4. $2090 \times 10^{\underline{\quad ? \quad}} = 209,000$	9. $5020 \times 10^{\underline{\quad ? \quad}} = 5,020,000$
5. $\underline{\quad ? \quad} \times 10^5 = 40,800,000$	10. $682 \times 10^{\underline{\quad ? \quad}} = 68,200,000$

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