



## Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26145

**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. $613 \times 10^{\underline{\quad?}} = 613,000$	6. $\underline{\quad?} \times 10^2 = 33,000$
2. $3130 \times 10^2 = \underline{\quad?}$	7. $468 \times 10^{\underline{\quad?}} = 4,680,000$
3. $992 \times 10^4 = \underline{\quad?}$	8. $3490 \times 10^3 = \underline{\quad?}$
4. $8450 \times 10^{\underline{\quad?}} = 8,450,000$	9. $940 \times 10^4 = \underline{\quad?}$
5. $992 \times 10^4 = \underline{\quad?}$	10. $787 \times 10^3 = \underline{\quad?}$

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