

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. <u>?</u> x 10 ³ = 609,000 | 6. 116 x 10 ⁵ = <u>?</u> |
|--|---|
| 2. 800 x 10 ? = 8,000,000 | 7. 700 x 10 <u>?</u> = 7,000,000 |
| 3. 5000 x 10 <u>?</u> = 500,000 | 8. 670 x 10 ³ = <u>?</u> |
| 4. <u>?</u> x 10 ⁵ = 61,300,000 | 9. 6590 x 10 <u>?</u> = 659,000 |
| 5. <u>?</u> x 10 ⁴ = 22,100,000 | 10. <u>?</u> x 10 ⁴ = 17,000,000 |

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