

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 |
|--|---------------------------------------|
| 1. <u>?</u> x 10 ³ = 3,010,000 | 6. 9260 x 10 ² = <u>?</u> |
| 2. <u>?</u> x 10 ⁴ = 57,800,000 | 7. 3320 x 10 <u>?</u> = 3,320,000 |
| 3. 4850 x 10 <u>?</u> = 485,000 | 8. 6770 x 10 ⁴ = <u>?</u> |
| 4. 4730 x 10 ⁴ = <u>?</u> | 9. 407 x 10 <u>?</u> = 40,700,000 |
| 5. 453 x 10 ? = 453,000 | 10. 3380 x 10 ² = <u>?</u> |
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