

## 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 <sup>4</sup> = 520,000	6. 6240 x 10 <sup>3</sup> = <u>?</u>
2. 867 x 10 <sup>3</sup> = <u>?</u>	7. 532 x 10 <sup>5</sup> = <u>?</u>
3. 258 x 10 <sup>?</sup> = 25,800,000	8. 8870 x 10 <sup>3</sup> = <u>?</u>
$3.236 \times 10^{-1} = 23,800,000$	$0.0070 \times 10^{-1} = \underline{r}$
4. 7950 x 10 <u>?</u> = 795,000	9. 3160 x 10 <sup>2</sup> = <u>?</u>
5. <u>?</u> x 10 <sup>5</sup> = 10,700,000	10. 3550 x 10 <del>?</del> = 3,550,000
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