

## **Answer Key**

## 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. 695 x 10 <sup>3</sup> = <u>?</u>	6. <u>?</u> x 10 <sup>4</sup> = 9,900,000
Answer: 695000	Answer: 990
2. <u>?</u> x 10 <sup>4</sup> = 3,650,000	7. <u>?</u> x 10 <sup>2</sup> = 709,000
Answer: 365	Answer: 7090
3. 445 x 10 <sup>5</sup> = <u>?</u>	8. 8260 x 10 <u>?</u> = 8,260,000
Answer: 44500000	Answer: 3
4. 3740 x 10 <sup>2</sup> = <u>?</u>	9. 5700 x 10 <sup>2</sup> = <u>?</u>
Answer: 374000	Answer: 570000
5. 7050 x 10 ? = 7,050,000	10. <u>?</u> x 10 <sup>3</sup> = 21,000
Answer: 3	Answer: 21

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