Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NBT.A.2 - Worksheet #26186

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. $\underline{?} \times 10^3 = 7{,}560{,}000$

6. $205 \times 10^{\underline{?}} = 205{,}000$

2. $\underline{?} \times 10^4 = 41{,}400{,}000$

7. $5160 \times 10^2 = \underline{?}$

3. $6170 \times 10^{\underline{?}} = 6{,}170{,}000$

8. $9860 \times 10^{\underline{?}} = 9{,}860{,}000$

4. $813 \times 10^5 = \underline{?}$

9. $8560 \times 10^{\underline{?}} = 85{,}600{,}000$

5. $\underline{?} \times 10^4 = 750{,}000$

10. $\underline{?} \times 10^3 = 151{,}000$