

# Grade 5 Module 1 End-of-Module Review

1. The following equations involve different quantities and use different operations, yet produce the same result. Use a place value chart and words to explain why this is true.

$$5.23 \times 10^3 = 5,230$$

$$523,000 \div 10^2 = 5,230$$

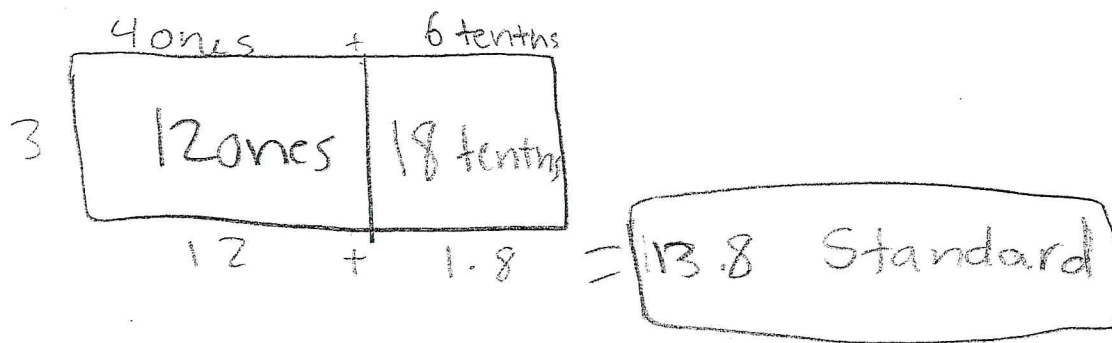
| th | H | T | O | $\frac{1}{10}$ | $\frac{1}{100}$ | $\frac{1}{1000}$ |
|----|---|---|---|----------------|-----------------|------------------|
|    |   |   | 5 | 2              | 3               |                  |
| 5  | 2 | 3 | 0 |                |                 |                  |

The numbers shifted to the left, it increased

| th | H | T | O | $\frac{1}{10}$ | $\frac{1}{100}$ | $\frac{1}{1000}$ |
|----|---|---|---|----------------|-----------------|------------------|
| 5  | 2 | 3 | 0 | 0              | 0               |                  |
|    |   | 5 | 2 | 3              | 0               | 0                |

The number shifted to the right, it decreased

2. Use an area model to explain the product of 4.6 and 3. Write the product in standard form, word form, and expanded form.



$$4 + (6 \times 0.1) \times 3 = \text{expanded } 10 + 3 + (8 \times 0.1)$$

Thirteen and eight tenths

← word form