

Writing a Decimal in Standard Form

Name: _____

What decimal represents each number?

1 one and six tenths

2 eight and eleven hundredths

3 $6 \times 1 + 5 \times \frac{1}{10}$

4 thirteen and thirteen thousandths

5 $2 \times 10 + 7 \times \frac{1}{10} + 3 \times \frac{1}{100}$

6 $4 \times 1 + 1 \times \frac{1}{100} + 9 \times \frac{1}{1,000}$

7 five hundred twelve thousandths

8 $8 \times 100 + 2 \times \frac{1}{10} + 8 \times \frac{1}{1,000}$

9 $2 \times 1 + 4 \times \frac{1}{100}$

10 forty-two and forty-one hundredths

11 $7 \times 100 + 2 \times 10 + 3 \times 1 + 6 \times \frac{1}{10}$

12 twelve and sixty-eight thousandths

13 $3 \times 1,000 + 6 \times 100 + 3 \times 10 + 7 \times \frac{1}{10} + 2 \times \frac{1}{100} + 8 \times \frac{1}{1,000}$

14 nine hundred fifty-six and four hundred twenty-seven thousandths

15 How was writing decimals for numbers in word form different from numbers in expanded form?