

Write eighty-three and three hundred six
thousandths in expanded form.

$$83 + \frac{306}{1000}$$

$$= \underline{8} \underline{3} . \underline{3} \underline{0} \underline{6}$$

Place value labels above the decimal form:
 10 (above 8), 1 (above 3), $\frac{1}{10}$ (above 3), $\frac{1}{100}$ (above 0), $\frac{1}{1000}$ (above 6)

$\div 10 \rightarrow$
 $\div 10 \rightarrow$
 $\div 10 \rightarrow$

Place value labels above the decimal form:
 100, 10, 1, $\frac{1}{10}$, $\frac{1}{100}$, $\frac{1}{1000}$

$$306.0$$

$$30.60$$

$$3.060$$

$$0.306$$

$$= (8 \times 10) + (3 \times 1) + (3 \times \frac{1}{10}) + (0 \times \frac{1}{100}) + (6 \times \frac{1}{1000})$$

$$= (8 \times 10) + (3 \times 1) + (3 \times 0.1) + (0 \times 0.01) + (6 \times 0.001)$$