

Example 10

Write each of the following as a decimal.

(a) Three hundred six and seven-hundredths

$$\begin{aligned}\text{Number} &= 306 + \frac{7}{100} \\ &= 306 + 7 \times \frac{1}{100} \\ &= 306 + 0 \times \frac{1}{10} + 7 \times \frac{1}{100} \\ &= \mathbf{306.07}\end{aligned}$$