Delicious Decimals

Write each expanded form as a phrase.

1. \[3 \times 10 + 6 \times \left(\frac{1}{10}\right) + 6 \times \left(\frac{1}{100}\right) + 5 \times \left(\frac{1}{1000}\right) = \]
   Thirty and six hundred sixty-five thousandths

2. \[8 \times 100 + 5 \times 10 + 4 \times \left(\frac{1}{10}\right) + 5 \times \left(\frac{1}{100}\right) + 2 \times \left(\frac{1}{1000}\right) = \]
   eight hundred fifty-four and four hundred fifty-two thousandths

3. \[7 + 3 \times \left(\frac{1}{10}\right) + 5 \times \left(\frac{1}{100}\right) + 9 \times \left(\frac{1}{1000}\right) = \]
   seven and three hundred fifty-nine thousandths

Write each phrase in expanded form.

1. three hundred ninety-seven and four hundred eighty-two thousandths =
   \[3 \times 100 + 9 \times 10 + 7 + 4 \times \left(\frac{1}{10}\right) + 8 \times \left(\frac{1}{100}\right) + 2 \times \left(\frac{1}{1000}\right)\]

2. eighty-six and seventy-seven hundredths =
   \[8 \times 10 + 6 + 7 \times \left(\frac{1}{10}\right) + 7 \times \left(\frac{1}{100}\right)\]

3. five hundred three and four tenths =
   \[5 \times 100 + 3 + 4 \times \left(\frac{1}{10}\right)\]

4. one hundred thirty-eight and six hundred twenty-seven thousandths =
   \[1 \times 100 + 3 \times 10 + 8 + 6 \times \left(\frac{1}{10}\right) + 2 \times \left(\frac{1}{100}\right) + 7 \times \left(\frac{1}{1000}\right)\]