

Handout**3 – 1**
Section 3.1

Supplementary Activities

Representing and Comparing Decimals

1. Write these numbers in standard form.

a) Seven and three hundred forty-six thousandths. _____

b) Twenty-four and five hundredths. _____

c) Two hundred eighty-three and six tenths. _____

d) Ninety and nine thousandths. _____

2. Finish writing these numbers in expanded form.

a) $34.57 = (3 \times 10) + (4 \times 1) +$ _____b) $76.921 = (7 \times 10) +$ _____ $+$ _____ $+$ $(2 \times \frac{1}{100}) +$ _____c) $829.078 =$ _____ $+$ $(2 \times 10) +$ _____ $+$ _____ $+$ _____

3. Arrange these numbers in increasing order.

7.6	7.65	7.576	7.56	7.85	7.607	7.501
_____	_____	_____	_____	_____	_____	_____

4. Circle the smallest number in each group.

a) 12.301 12.3 12.32 12.324 b) 8.248 8.25 8.3 8.48

c) 1.4 0.43 0.4 1.42 d) 5.76 5.67 5.767 5.667

5. Compare these numbers using the $<$, $>$ or $=$ symbol.a) 63.07 63.069b) 657.87 658.87c) 21.98 21.980