

## Section 2.1 Extra Practice

1. Rewrite each question using front-end estimation. Then estimate the answer.

a)  $45 + 33 + 92$

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

b)  $46.3 + 13.5 + 18.2$

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

2. Rewrite each question using front-end estimation. Then estimate the answer.

a)  $\$475.12 - \$210.38$

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

Is your estimate higher or lower than the calculated answer? \_\_\_\_\_

b)  $6735.762 - 3069.821$

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

Is your estimate higher or lower than the calculated answer? \_\_\_\_\_

3. Use relative size to estimate the answers to #1 and #2.

a)  $45 + 33 + 92$

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

b)  $46.3 + 13.5 + 18.2$

\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

c)  $\$475.12 - \$210.38$

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

d)  $6735.762 - 3069.821$

\_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

4. Calculate. Remember to align the decimal points.

a)  $6.3 + 7 + 8.692$

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

b)  $4.315 + 6.04 + 9.1$

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

c)  $0.6 - 0.47$

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

d)  $6.9 - 0.82$

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_