

# Lesson 2b

**Objective: Estimate sums and differences.**

Complete on a separate sheet of paper and turn in to the basket.

**Warm-up:**

Write an algebraic expression for each word phrase.

1. Add 3 to a number.
2. Take 7 from a number

Evaluate each expression when  $a = 12$

3.  $A + 3$
4.  $17 - a$

Write each exponent out in expanded form and in standard form.

Example:  $3^3 = 3 \times 3 \times 3 = 27$

5.  $10^4 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$
6.  $4^2 = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

**Vocabulary:**

- Front-End Estimation – rounding to the largest place and then add or subtract.

Review rounding and estimating

Students complete practice page in journals.

**Homework: Estimating Sums and Differences (2.2)**  
**Round to the largest place**