

## 5<sup>TH</sup> GRADE CH APTER 2 TEST STUDY GUIDE

- I. Identify Properties of Addition
- a) Associative
  - b) Commutative
  - c) Identity
- II. Adding and Subtracting Decimals & Whole Numbers
- a) Write vertically (up & down)
  - b) "Line up the dots"
- III. Decimal Rounding
- a) line up the decimal points
  - b) underline place value to round
  - c) look to the RIGHT
  - d) THINK- keep or change (4 under keep, 5 and above change)
- IV. Estimation
- a) round to estimate
  - b) should be EASY numbers

- V. Compensation used to make mental math EASIER
- a) adding- add to one addend and take away from the other.

$$32 + 12 =$$

$$\begin{array}{r} -2 \quad +2 \\ \hline \end{array}$$

---

$$30 + 14 = 4$$

- b) Subtraction (add or subtract the same number to both)

$$32 - 6 = 26$$

$$\begin{array}{r} -2 \quad -2 \\ \hline \end{array}$$

---

$$30 - 4 = 26$$

$$34 - 6 = 28$$

$$\begin{array}{r} +6 \quad +6 \\ \hline \end{array}$$

---

$$40 - 12 = 28$$