

### 4th#3

#### Multiple Choice

Identify the letter of the choice that best completes the statement or answers the question.

- \_\_\_ 1. Ten paper clips placed end to end are more than 1 foot long. ESTIMATE the length of 100,000 paper clips placed end to end.
- a. more than ten thousand feet long
  - b. more than one thousand feet long
  - c. more than a hundred thousand feet long
  - d. more than one million feet long

- \_\_\_ 2. Look at the Seeds problem. Then look at the work Jose did to solve it.

**Seeds** There are a total of 12 seeds in two clay pots. The first pot has six more seeds than the second. How many seeds are in the first pot?

**Jose**

Try  $10 + 2 = 12$     $10 - 2 = 8$    *no*

Try  $8 + 4 = 12$     $8 - 4 = 4$    *no*

Try  $9 + 3 = 12$     $9 - 3 = 6$    *yes*

What strategy did Jose use to solve the problem?

- a. Draw a picture.
- b. Try, check, revise (Guess and Check).
- c. Work backwards.
- d. Make a graph.

- \_\_\_ 3. Estimate the product.

$95 \times 5$

- a. 500
- b. 4525
- c. 900
- d. 5000

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### Answer Section

#### MULTIPLE CHOICE

1. ANS: A                      REF: 0107 Lesson 1-7: The Size of Numbers  
OBJ: Estimate totals made up of large numbers.  
TOP: Intervention F10: Place Value Through Millions, NCTM 3-5: Num.1.1  
KEY: whole numbers, number sense, estimation
2. ANS: B                      REF: 0108 Lesson 1-8: Problem-Solving Skill: Plan and Solve  
OBJ: Give appropriate strategies and alternate strategies for solving word problems.  
TOP: Intervention M11: Problem-Solving Skill: Plan and Solve    KEY: problem-solving skill
3. ANS: A                      REF: 0602 Lesson 6-2: Estimating Products  
OBJ: Use rounding and place-value to estimate products of larger numbers.  
TOP: Intervention G56: Estimating Products , NCTM 3-5: Num.3.3  
KEY: estimation, multiplication, whole numbers