

# Grab-Bag Math

## Round 1

\_\_\_\_\_ millions , \_\_\_\_\_ hundred thousands \_\_\_\_\_ ten thousands \_\_\_\_\_ thousands , \_\_\_\_\_ hundreds \_\_\_\_\_ tens \_\_\_\_\_ ones

1.

$$\begin{array}{r} 58,324 \\ + 7,551 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 6,796 \\ + 481 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 31,900 \\ + 6,785 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 458,271 \\ + 20,443 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 8,752 \\ + 98 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 1,832,904 \\ + 76,842 \\ \hline \end{array}$$

## Round 2

\_\_\_\_\_ millions , \_\_\_\_\_ hundred thousands \_\_\_\_\_ ten thousands \_\_\_\_\_ thousands , \_\_\_\_\_ hundreds \_\_\_\_\_ tens \_\_\_\_\_ ones

1.

$$\begin{array}{r} 354,695 \\ - 16,941 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 6,257,894 \\ - 53,602 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 32,184 \\ - 9,530 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 653,902 \\ - 2,386 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 12,452 \\ - 5,266 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 1,324,007 \\ - 219,638 \\ \hline \end{array}$$

## Round 3

\_\_\_\_\_ millions , \_\_\_\_\_ hundred thousands \_\_\_\_\_ ten thousands \_\_\_\_\_ thousands , \_\_\_\_\_ hundreds \_\_\_\_\_ tens \_\_\_\_\_ ones

1.

$$\begin{array}{r} 165,976 \\ + 75,883 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 2,537,007 \\ + 854,003 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 58,941 \\ + 626 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 6,004 \\ - 97 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 36,877 \\ - 7,552 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 7,953,022 \\ - 787,333 \\ \hline \end{array}$$

## How to Use the Reproducible

### Teacher Preparation

1. Make one copy of the reproducible for each student.
2. Label two paper bags “blue bag” and two paper bags “red bag.”
3. Label 20 index cards with the numbers 0–9 (two cards per number).
4. Attach a strip of magnetic tape to the back of each labeled index card.
5. Place one set of the index cards numbered 0–4 in each red bag.
6. Place one set of the index cards numbered 5–9 in each blue bag.

### Materials

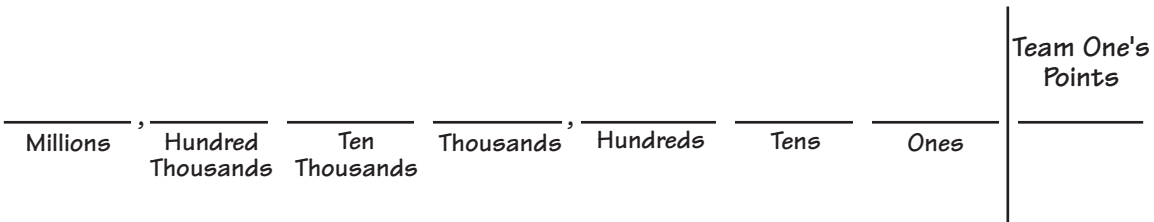
copy of the reproducible for each student

4 paper lunch bags

20 index cards

magnetic tape

1. Draw on the board two identical place-value charts like those on the reproducible. Then draw a point-tally column for each team as shown.



2. Divide the class into two teams, giving each group one red and one blue bag. Give each student a copy of the reproducible. Instruct students not to solve the problems.
3. Assign each student in Team 1 a different number. Assign each student in Team 2 a corresponding number from Team 1. Tell each student he has one minute to solve problem number 1 in Round 1 on his reproducible.
4. When one minute is up, check the answers of the two students who were given number 1. If a student's answer is correct, have him draw a card from his team's *blue bag* and place it anywhere on his team's place-value chart. If his answer is incorrect, have him draw a card from his team's *red bag* and write it anywhere on his team's place-value chart. Have each team member record the number in the appropriate section on his own sheet. Tell students that their goal is to create a larger number than the other team.
5. Randomly select another student from each team and check his answer to problem number 1. If the answer is correct, award his team one point. Continue play with problems 2–6. At the end of each round, allow the team with more points the option of switching two numbers on its place-value chart. The team that creates the larger number is the winner of Round 1. Repeat the process for Round 2 and Round 3.