Number-Grid Difference

Family Note Today your child received an *Everyday Mathematics Student Reference Book.* Children can use this book to look up and review topics in mathematics. You may want to take some time to explore this book. Your child also looked up the directions for and played *Number-Grid Difference,* a game that helps to develop mental subtraction strategies. For game directions, see below or *Student Reference Book,* page XXX.

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Materials

- number cards 0–9 (4 of each)   If you use a regular deck of playing cards, use Jacks as 0s, Aces as 1s, and remove 10s and the other face cards.
- 1 completed number grid (see next page)
- 2 record sheets (see next page)
- 2 beans, pennies, or other counters
- calculator (optional)

Directions

① Shuffle the cards. Place the deck number-side down on a table.

② Both players take 2 cards from the deck and use them to make a 2-digit number. Mark both numbers with counters on the number grid.

③ Players now take turns. When it is your turn:
- Find the difference between the 2 marked numbers. This is your score.
- Record the 2 numbers and your score on the record sheet.

④ Continue playing until each player has recorded the scores for 5 turns.

⑤ Add your 5 scores. Players may use a calculator to add.

⑥ The player with the lower sum wins the game.

Please keep these directions and the number grid at home for future reference. Cut off and return the record sheet portion of the Home Link to school tomorrow.

9