

What's Your Estimate?

Module 3-Understand Numbers & Operations

Your child is learning to use estimation in order to find approximate answers to addition and subtraction problems. This game will help your child to mentally add and subtract numbers. For example: Thinking of 795 as 800 makes it easier to find an approximate answer to $795 + 185$.

Materials:

- "What's Your Estimate?" game board" (to 100) or "What's Your Estimate?" game board to 1,000
- A small coin
- Piece of plain paper

Directions:

1. Players choose whether to use the "Estimate to 100" or "Estimate to 1,000" game board.
2. Player 1 drops the coin onto the board. The number on which the coin lands is Player 1's number.
3. Player 1 then finds a number on the game board that when added to his/her number would be close to 100 (or 1,000).
4. Player 1 then adds those numbers together and finds the actual sum. Player 1's score is the difference between the answer and

100. For example, $79 + 26 = 105$. The score is 5 because $105 - 100 = 5$. The players keep track of the score on another piece of paper.

5. Player 2 follows steps 2 - 4.
6. After five rounds, the game ends.
7. Players find their total scores by adding the scores from each round. The player with the **lowest** total score wins.

Questions to ask your child while playing:

- What was your strategy for estimating the sums?
- What was your strategy for choosing a number that would give a sum close to 100 or close to 1000?

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Estimate to 100

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|----|----|----|----|
| 53 | 91 | 38 | 42 |
| 19 | 12 | 79 | 58 |
| 76 | 26 | 39 | 70 |
| 30 | 18 | 83 | 64 |

Estimate to 1,000

| | | | |
|-----|-----|-----|-----|
| 530 | 910 | 385 | 420 |
| 290 | 120 | 795 | 589 |
| 760 | 240 | 390 | 700 |
| 305 | 185 | 830 | 645 |