

# ESTIMATION ROW



## Materials

For each pair of students:

*Estimation Row* game board

*Estimation Row* cards

30 game tokens (2 colors)

## Number of Players

2

## Directions

1. Divide the students into pairs.
2. The person with the shortest name is Player 1.
3. Player 1 shuffles the cards and lays them face down between the two players.
4. Player 1 draws one card from the top of the pile and estimates to either find the sum or difference.
5. If the answer is correct, Player 1 puts a game token on any of the unoccupied squares that contain the answer.
6. If the answer is incorrect, Player 1 does not get to place a game token.
7. Player 2 follows the same procedure.
8. Play continues with each player taking a turn until a player covers four squares in a row (horizontally, vertically, or diagonally).
9. The winner is the first player to cover four squares in a row. If neither player has four squares in a row, the winner is determined by the player with the greatest number of covered squares.

# ESTIMATION ROW BOARD

20	40	150	10	130	160
180	30	90	20	50	70
0	100	40	60	120	150
70	60	10	130	110	140
50	150	170	0	10	20
30	140	20	160	50	60
10	60	50	120	40	150
40	90	70	80	30	10

# ESTIMATION ROW CARDS

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

58  
23

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

92  
57

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

47  
35

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

83  
25

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

55  
44

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

51  
23

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

35  
13

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

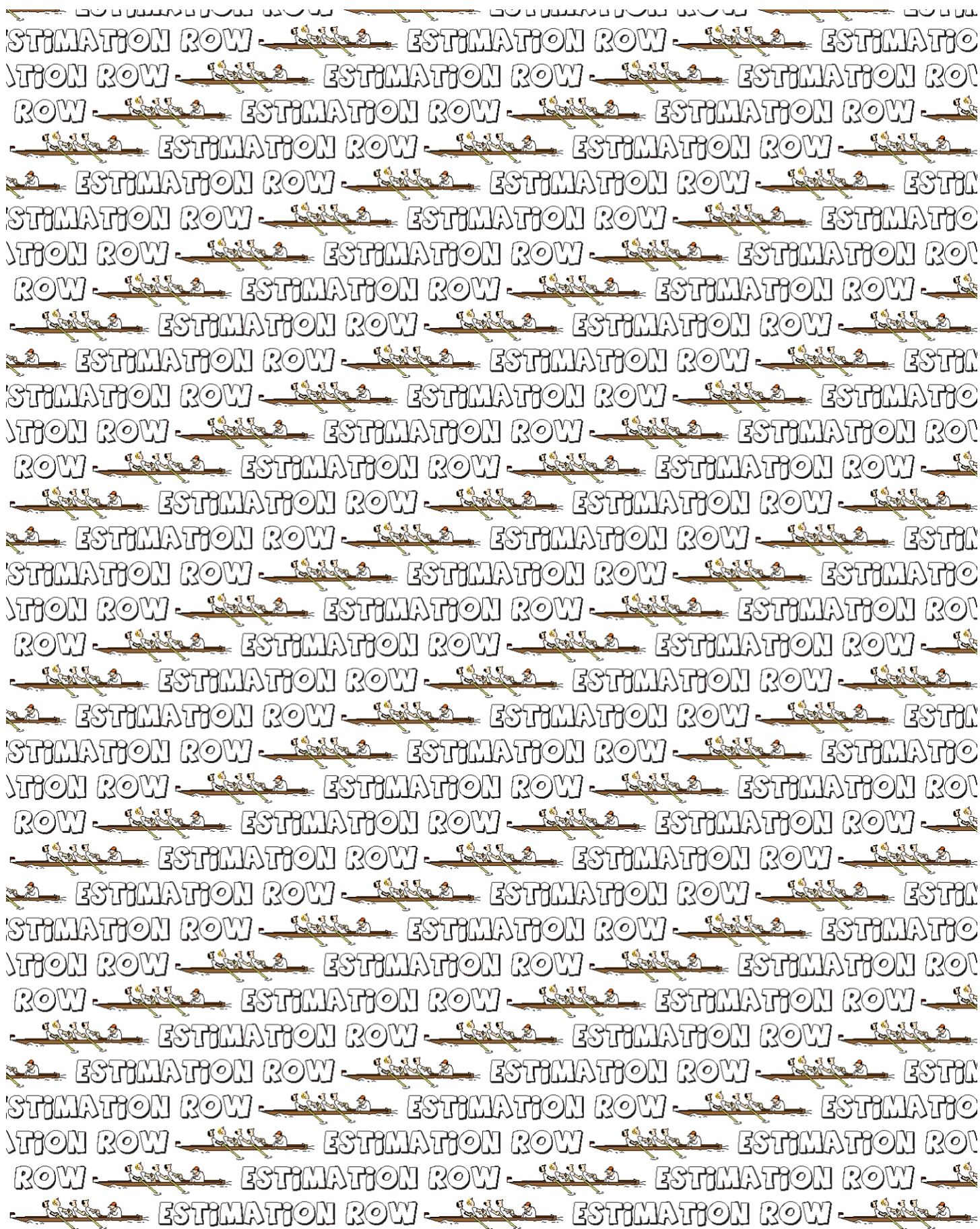
49  
14

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

87  
81



# ESTIMATION ROW CARD BACKS



# ESTIMATION ROW CARDS

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

35  
21

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

71  
62

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

94  
42

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

89  
67

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

91  
54

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

37  
33

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

65  
22

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

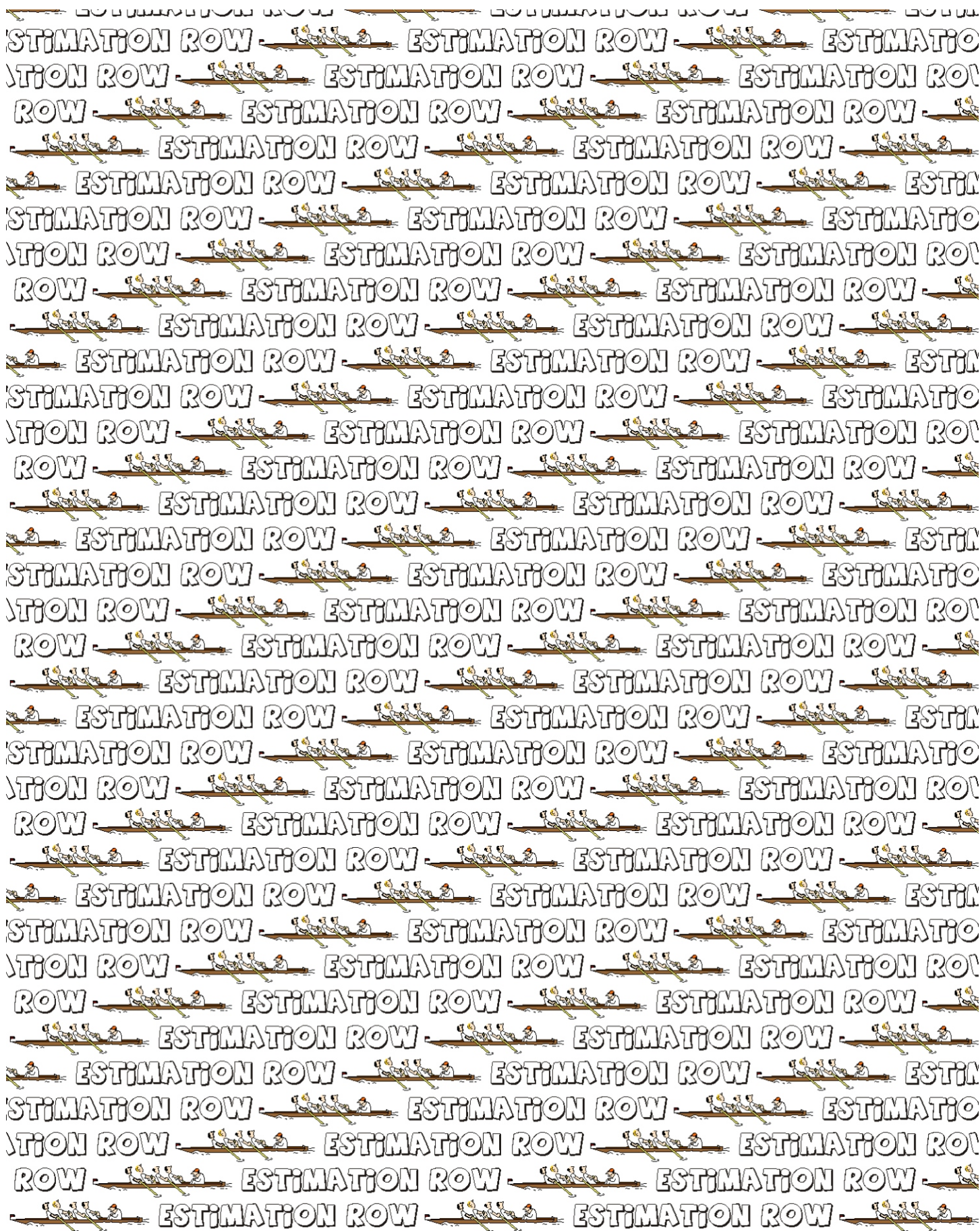
78  
65

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

94  
91



# ESTIMATION ROW CARD BACKS



# ESTIMATION ROW CARDS

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

74  
67

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

64  
44

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

87  
55

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

65  
54

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

78  
75

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

94  
32

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

58  
14

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

38  
17

ESTIMATE TO  
FIND THE SUM  
OR DIFFERENCE  
OF

27  
12



# ESTIMATION ROW CARD BACKS

