

# FDP



# Bingo



# FDP Bingo

---

---

---

Fraction, Decimal, Percent Bingo is provided courtesy of the math teachers at Brea Junior High in Brea, California. This particular version of Bingo requires students to be familiar with halves, thirds, fourths, fifths, eighths, ninths, and tenths. The “Fraction, Decimal, Percent Patterns” sheet has been included to help familiarize students with these equivalents. It is suggested that your students do some work with these equivalents prior to playing FDP Bingo. Finally, the “Number Recording Sheet” is provided to help you keep track of your called numbers.

## **Rules for Fraction, Decimal, Percent Bingo**

1. Direct students to outline a four-by-four section anywhere on the Bingo card.
2. Call out either a fraction, decimal, or percent and keep track of your calls on the Number Recording Sheet. Write down the specific number that you called in order to verify the winner or just use check marks to know how many of each value have been called.
3. Students may circle the number you called out or an equivalent fraction, decimal, or percent.
4. Students may circle a maximum of one number each time a number is called out. For example, if you call out  $\frac{3}{4}$  and a student has both .75 and 75% in his section, he may only circle one.
5. The winner is the first student to get four numbers in a row (vertically, horizontally, or diagonally).
6. Have the winner verify his numbers with you. You may want to offer a prize to the winner.
7. Play again! Enjoy!

## **Fraction, Decimal, Percent Bingo Notes**

1. Make sure that students understand that they may choose any four-by-four section to play the game. Otherwise, many may opt for the top left hand corner section and end up playing the same game board.
2. Ninths are written as decimals using bar notation. For example,  $\frac{5}{9}$  equals  $0.\overline{5}$ .
3. Ninths are written as percents using a fraction of a percent. For example,  $\frac{5}{9}$  equals 55  $\frac{5}{9}\%$ .
4. There are 300 numbers on the game board, and only 16 required for each game, so the Bingo Card should last for many games. Have students keep it to use again at a later date.
5. You may also decide to create longer Bingo games by directing students to choose a five-by-five (or larger) game board.





# FDP Bingo

---

---

---

## Fraction, Decimal, Percent Patterns

$1/2 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$1/8 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$1/10 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$2/8 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$2/10 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$1/3 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$3/8 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$3/10 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$4/8 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$4/10 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$2/3 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$5/8 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$5/10 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$6/8 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$6/10 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$1/4 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$7/8 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$7/10 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$2/4 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$8/10 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$3/4 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$9/10 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$1/9 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$2/9 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$1/5 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$3/9 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$2/5 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$4/9 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$3/5 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$5/9 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$4/5 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$6/9 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$7/9 = \underline{\quad\quad} = \underline{\quad\quad}\%$

$8/9 = \underline{\quad\quad} = \underline{\quad\quad}\%$





# FDP Bingo

---



---



---

## Fraction, Decimal, Percent Bingo Card

1/4	0.125	0.5	33 1/3%	2/9	0.6	37.5%	4/5	0.625	22 2/9%	0.6	1/2	0. $\bar{3}$	7/8	60%
77 7/9%	3/4	40%	0.25	9/10	0.3	7/8	0.5	3/10	70%	20%	8/9	90%	0.4	7/9
4/5	0.6	5/8	2/3	0.4	70%	0.7	1/10	80%	3/8	6/9	0.4	0.8	33 1/3%	0.8
0.2	0.7	3/4	60%	77 7/9%	1/4	2/3	0.875	3/4	0.2	0.5	7/10	5/8	0.3	30%
2/9	8/10	55 5/9%	0.1	75%	4/8	0.8	75%	1/9	10%	0.625	0.75	5/10	0.75	1/8
87.5%	0.9	3/4	0.8	1/2	44 4/9%	9/10	0.25	0.125	4/5	1/3	66 2/3%	0.9	20%	6/9
0.4	3/5	12.5%	4/10	60%	4/9	20%	2/10	50%	88 8/9%	0.3	37.5%	2/5	1/2	77 7/9%
1/3	0.7	25%	33 1/3%	0.3	0.375	0.4	7/8	0.3	2/3	0.5	6/8	0.1	87.5%	0.7
22 2/9%	1/5	0.6	1/8	0.625	0.8	33 1/3%	30%	7/9	0. $\bar{5}$	22 2/9%	1/4	2/10	60%	0.8
3/8	80%	0.5	10%	0.7	70%	0.2	8/10	0.7	1/3	0.4	1/9	0.3	5/9	10%
12.5%	0.2	7/10	0.4	6/10	0.6	1/2	0.9	2/5	20%	1/10	7/8	0.5	12.5%	44 4/9%
0.375	2/5	0.3	50%	3/4	10%	7/9	0.6	33 1/3%	0.3	4/10	1/5	2/8	20%	3/9
0.25	0.1	6/9	0.125	44 4/9%	0.4	10%	7/8	0.2	1/2	75%	90%	0.9	0.375	5/8
7/10	2/4	0.6	5/9	70%	2/10	50%	0.7	25%	4/9	0.2	0.7	2/3	1/4	0.5
88 8/9%	7/8	33 1/3%	0.2	0.875	1/3	3/5	6/8	0.5	0.875	3/10	0.1	3/4	0.3	77 7/9%
4/10	0.3	9/10	2/9	3/5	1/2	66 2/3%	0.4	0.1	0. $\bar{6}$	1/3	0.6	62.5%	2/5	0.9
0.5	1/5	62.5%	75%	12.5%	0.3	5/8	1/4	0.125	8/9	10%	1/9	0.2	0.875	4/5
0.625	0.25	0.5	0.7	11 1/9%	2/3	0.6	37.5%	90%	0.75	55 5/9%	0.25	4/8	33 1/3%	3/8
1/5	66 2/3%	1/2	87.5%	5/10	3/9	22 2/9%	0.1	6/10	25%	7/8	6/10	11 1/9%	0.7	0.75
0. $\bar{7}$	2/8	0.125	3/10	3/4	0.4	1/5	0.4	1/8	0.2	1/2	0.125	80%	4/9	50%





# FDP Bingo

---



---



---

## Number Recording Sheet

<u>Percents</u>	<u>Decimals</u>	<u>Fractions</u>	<u>Game 1</u>	<u>Game 2</u>	<u>Game 3</u>	<u>Game 4</u>
10%	.1	1/10				
11 1/9%	$\overline{.1}$	1/9				
12.5%	.125	1/8				
20%	.2	1/5, 2/10				
22 2/9%	$\overline{.2}$	2/9				
25%	.25	1/4, 2/8				
30%	.3	3/10				
33 1/3%	$\overline{.3}$	1/3, 3/9				
37.5%	.375	3/8				
40%	.4	2/5, 4/10				
44 4/9%	$\overline{.4}$	4/9				
50%	.5	1/2, 2/4, 4/8, 5/10				
55 5/9%	$\overline{.5}$	5/9				
60%	.6	6/10				
62.5%	.625	5/8				
66 2/3%	$\overline{.6}$	2/3, 6/9				
70%	.7	7/10				
75%	.75	3/4, 6/8				
77 7/9%	$\overline{.7}$	7/9				
80%	.8	4/5, 8/10				
87.5%	.875	7/8				
88 8/9%	$\overline{.8}$	8/9				
90%	.9	9/10				

