

# Percent Bingo

**Object:** to be the first player to cover five squares in a row horizontally, vertically, or diagonally

**Materials needed:** *Percent Bingo* card for each student, one set of caller cards, counters or chips

**Number of players:** 3 or more

## Teacher Preparation

Print out the *Percent Bingo* cards and the caller cards. Cut the caller cards apart.

## Game Play

### • Playing the game

One student is the caller, and this student gets the caller cards. Each card contains a percent problem and its answer. The caller reads aloud the problem to the players. The caller does *not* read the answer.

Each player gets a *Percent Bingo* card and some counters. Players may cover the center square before play begins. The players write down the problem read by the caller and solve it. Then they find the answer on their *Percent Bingo* card and cover that square. The caller places the cards that have been read in a discard pile.

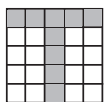
### • Winning the game

A player who covers five squares in a row horizontally, vertically, or diagonally says "Bingo!" The caller uses the cards in the discard pile to check that this player has calculated correctly. If so, that player is the winner. If not, play continues until someone else says "Bingo!"

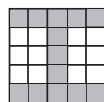
### • Variations

Instead of the standard five squares in a row, try some of the variations below. Or make up your own.

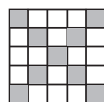
Letter T



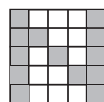
Letter I



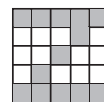
Letter X



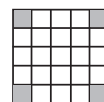
Letter N



Letter Z



Four Corners



What number is  
50% of 26? 13

What number is  
300% of 11? 33

What number is  
 $33\frac{1}{3}\%$  of 33? 11

What number is  
10% of 90? 9

What number is  
1% of 200? 2

What number is  
25% of 16? 4

7 is what percent  
of 10?      70%

19 is what percent  
of 10?      190%

42 is what percent  
of 21?      200%

13 is what percent  
of 130?      10%

6 is what percent  
of 9?       $66\frac{2}{3}\%$

18 is what percent  
of 36?      50%

37 is 100% of  
what number? 37

55 is what percent  
of 100? 55%

22 is  $33\frac{1}{3}\%$  of  
what number? 66

60 is what percent  
of 40? 150%

6 is 25% of what  
number? 24

45 is 50% of  
what number? 90

10 is 10% of what  
number? 100


5 is 500% of  
what number? 1


60 is 75% of  
what number? 80


What number is  
150% of 10? 15


12 is what percent  
of 48? 25%


18 is 90% of  
what number? 20


100	1	4	20	$66\frac{2}{3}\%$
11	33	50%	25%	13
55%	15		66	150%
200%	190%	80	24	70%
90	10%	37	9	2


200%	9	25%	$66\frac{2}{3}\%$	24
80	190%	66	90	15
1	13		20	37
70%	100	2	55%	10%
50%	33	4	150%	11


150%	200%	20	13	66
2	70%	55%	100	10%
80	1		9	190%
90	4	50%	24	15
25%	37	$66\frac{2}{3}\%$	33	11


20	11	90	55%	100
13	80	37	25%	9
$66\frac{2}{3}\%$	10%		200%	190%
33	24	150%	70%	4
1	50%	2	66	15


37	70%	11	1	200%
9	66	20	$66\frac{2}{3}\%$	13
2	150%		55%	33
10%	24	190%	25%	4
80	100	15	90	50%


4	33	15	11	10%
13	50%	1	55%	66
150%	$66\frac{2}{3}\%$		2	25%
20	200%	90	100	80
190%	24	37	70%	9


24	150%	66	4	25%
100	2	200%	70%	33
50%	15		190%	90
37	$66\frac{2}{3}\%$	11	1	55%
9	80	10%	20	13


10%	190%	1	90	37
15	24	55%	33	50%
200%	25%		2	13
70%	9	4	$66\frac{2}{3}\%$	20
66	11	100	80	150%


70%	10%	66	90	100
24	150%	55%	$66\frac{2}{3}\%$	4
2	11		33	15
50%	25%	1	9	80
37	190%	20	13	200%


200%	25%	50%	190%	10%
2	37	80	24	70%
20	11		55%	13
100	66	$66\frac{2}{3}\%$	9	15
33	90	150%	4	1


20	55%	90	190%	37
24	2	$66\frac{2}{3}\%$	50%	80
100	150%		11	66
70%	15	10%	25%	200%
1	13	33	9	4


100	10%	33	25%	20
11	55%	66	1	150%
190%	24		37	50%
4	15	80	9	13
200%	2	70%	90	$66\frac{2}{3}\%$


55%	200%	70%	2	24
66	$66\frac{2}{3}\%$	100	90	33
20	25%		15	37
10%	13	80	9	150%
1	190%	50%	11	4


25%	50%	1	66	13
10%	70%	9	100	4
33	190%		24	20
37	15	90	2	80
55%	150%	11	200%	$66\frac{2}{3}\%$


15	20	25%	66	90
33	4	1	80	150%
24	13		50%	200%
55%	190%	9	11	$66\frac{2}{3}\%$
70%	37	10%	100	2


70%	100	37	55%	66
13	4	1	50%	90
20	80		190%	10%
15	$66\frac{2}{3}\%$	33	150%	11
9	24	25%	2	200%


55%	20	25%	190%	10%
150%	15	9	4	90
80	33		1	200%
100	37	2	70%	11
24	13	50%	66	$66\frac{2}{3}\%$


66	13	1	33	80
24	55%	190%	200%	10%
70%	100		90	20
$66\frac{2}{3}\%$	4	50%	11	25%
150%	2	15	9	37


9	150%	70%	11	33
15	66	13	1	10%
20	55%		100	4
90	50%	24	200%	37
190%	2	80	25%	$66\frac{2}{3}\%$


80	25%	10%	1	$66\frac{2}{3}\%$
200%	13	190%	90	37
70%	50%		66	24
150%	20	55%	11	33
15	4	100	2	9

24	11	37	90	190%
20	13	200%	70%	1
66	9		$66\frac{2}{3}\%$	80
15	10%	100	55%	2
150%	50%	33	4	25%

9	15	80	33	150%
11	55%	1	24	50%
90	2		13	4
100	190%	$66\frac{2}{3}\%$	20	25%
70%	37	66	200%	10%

37	50%	10%	15	2
55%	150%	1	80	70%
20	25%		$66\frac{2}{3}\%$	4
11	33	100	24	66
200%	190%	9	90	13

4	55%	150%	13	33
90	66	25%	10%	37
15	11		190%	200%
20	24	2	50%	$66\frac{2}{3}\%$
70%	100	1	80	9

13	15	100	9	$66\frac{2}{3}\%$
90	1	55%	50%	80
33	10%		66	70%
190%	150%	24	2	25%
20	4	200%	11	37