

Slope BINGO Game



Let your students have fun calculating the slope between two points while playing a Slope BINGO game.

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**Free
Space**

Slope BINGO Problems with Answers

Problem: $(3,4)$ and $(5,6)$ Answer: 1	Problem: $(-2,5)$ and $(-1,0)$ Answer: -5	Problem: $(1,3)$ and $(2,6)$ Answer: 3	Problem: $(1,3)$ and $(2,-3)$ Answer: -6
Problem: $(3,-1)$ and $(2,-3)$ Answer: 2	Problem: $(1,3)$ and $(0,5)$ Answer: -2	Problem: $(3,4)$ and $(-3,-2)$ Answer: 1	Problem: $(3,4)$ and $(-2,4)$ Answer: 0
Problem: $(2,-1)$ and $(2,-3)$ Answer: undefined	Problem: $(1,1)$ and $(-3,5)$ Answer: -1	Problem: $(0,1)$ and $(5,-1)$ Answer: $-\frac{2}{5}$	Problem: $(3,1)$ and $(6,0)$ Answer: $-\frac{1}{3}$
Problem: $(-1,-1)$ and $(6,-1)$ Answer: 0	Problem: $(2,5)$ and $(1,2)$ Answer: 3	Problem: $(-1,6)$ and $(0,8)$ Answer: 2	Problem: $(-3,2)$ and $(0,4)$ Answer: $\frac{2}{3}$
Problem: $(6,-2)$ and $(1,2)$ Answer: $-\frac{4}{5}$	Problem: $(6,4)$ and $(0,-1)$ Answer: $\frac{5}{6}$	Problem: $(-2,3)$ and $(0,4)$ Answer: $\frac{1}{2}$	Problem: $(-2,0)$ and $(-3,2)$ Answer: -2
Problem: $(-1,-2)$ and $(0,-1)$ Answer: 1	Problem: $(-3,2)$ and $(-5,4)$ Answer: -1	Problem: $(-2,1)$ and $(-2,4)$ Answer: <i>undefined</i>	Problem: $(-5,8)$ and $(-4,10)$ Answer: 2

Slope BINGO Answer Choice Board

1	-5	3	-6
2	-2	1	0
Undefined	-1	$-\frac{2}{5}$	$-\frac{1}{3}$
0	3	2	$\frac{2}{3}$
$-\frac{4}{5}$	$\frac{5}{6}$	$\frac{1}{2}$	-2
1	-1	Undefined	2

Slope Game Directions for Teachers

- 1.) Make a one copy of the SLOPE board for each of your students.
 - 2.) Make a copy of the Slope Answer Choice Board for each student.
 - 3.) Cut out the squares containing the questions and answers and place them into a bag.
 - 4.) Have students use a pen or marker to fill in each of the squares on their SLOPE board. They will need to go through the all of the choices on the Answer Choice Board and place them wherever they would like, as long as each answer is present on the board.
 - 5.) Draw one question out of the bag and write the slope between two points problem on the board and have the students find the slope.
 - 6.) Students will use the slope formula $\frac{y_2 - y_1}{x_2 - x_1}$ to find the slope between the two points given. When they find the correct answer, students can use either small chips/pieces of paper for markers or use a marker to place an X over the correct answer.
 - 7.) Continue to draw problems out until a student calls out "BINGO" or for fun you can have them call out "SLOPE". Refer to the problems that have been drawn out of the bag already to check if students have answered the questions correctly.
- *You may choose to go over each of the problems with the students or students can self-check themselves after a winner has been announced, and then answers can be checked for accuracy.