Bounded Fraction Finder *Level 1 Record Sheet*

You will be finding a value that is in between two other fractions.

Directions:

* Open up the Fraction Finder Activity
* You will be prompted for the left and then the right boundary fraction
* Next you will use the activity to make a visual representation of each fraction and then a fraction that is in between
* Complete level 1 questions using the circle tool
* Complete level 1 questions using the square tool
* Answer the discussion questions

Level 1 Questions for circle tool

|  |  |  |  |
| --- | --- | --- | --- |
| **Left Boundary** | **Right Boundary** | **In Between Fraction** | **Check if Correct on First Attempt** |
| 1/12 | 7/8 |  |  |
| 1/4 | 5/6 |  |  |
| ½ | 8/12 |  |  |
| 1/6 | 1/2 |  |  |
| 3/8 | 7/8 |  |  |

Level 1 Questions for square tool

|  |  |  |  |
| --- | --- | --- | --- |
| **Left Boundary** | **Right Boundary** | **In Between Fraction** | **Check if Correct on First Attempt** |
| 1/6 | 5/8 |  |  |
| 1/4 | 3/6 |  |  |
| 2/12 | 8/12 |  |  |
| 1/8 | 1/2 |  |  |
| 2/4 | 11/12 |  |  |

Discussion Questions:

Which was easier to use the circle or the square tool? Why?

If you do not have a visual, how can you find the value of the missing fraction?

Where in real life do you need this skill?

Level 2 Questions – Use the tool of your choice

|  |  |  |  |
| --- | --- | --- | --- |
| **Left Boundary** | **Right Boundary** | **In Between Fraction** | **Check if Correct on First Attempt** |
| 5/8 | 5/6 |  |  |
| 1/4 | 1/3 |  |  |
| 4/5 | 10/12 |  |  |
| 3/8 | 1/2 |  |  |
| 2/4 | 7/12 |  |  |

Were you able to use the same tool for all of the questions? Why?

Without the use of the Interactivate, find two fractions that are between 2/5 and 5/8.

Put all four fractions in order from greatest to least.

How did you find your answers?