Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Learning Target**: I can compare and order fractions.



When comparing fractions with unlike denominators you must find a common denominator. Once the denominators match you see which numerator is larger to compare them.

(1) You may find the LCM of the 2 denominators and change the fraction using multiplication.



List the multiples of 3 & 4

3: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30

4: 4, 8, 12, 16, 20

OR

(2) You may list equivalent fractions to the given fractions until you find the least common denominator.

|  |  |  |  |
| --- | --- | --- | --- |
| 3 | 6 | 9 | 12 |
| 4 | 8 | 12 | 16 |

|  |  |  |  |
| --- | --- | --- | --- |
| 2 | 4 | 6 | 8 |
| 3 | 6 | 9 | 12 |

9/12 > 8/12 so 3/4 > 2/3

 Greater



 Smaller

How do negative fractions work?



The CLOSER a negative fraction is to 0, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the fraction is.

This is opposite of positive fractions.

The F A R T H E R a positive fraction is from 0, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ it is!

Ex) plot -1/2, -3/5 and -7/10 on the number line.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3 |  |  |  |  |
| 5 |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 7 |  |  |  |  |
| 10 |  |  |  |  |

Order them from least to greatest. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_