Wednesday 06/05/2020

LK: To compare fractions with different denominators

Hello everybody! Miss Dattani here, I hope you are all safe and well.

You do not need a printer to complete any tasks, please do your task on pen and paper and email me if you have any questions at WDV.year5@oasiswoodview.org

Your task is differentiated two ways:

-Section A is suited for one star (blue and green)

-Section B is suited for two and three star (yellow, orange and red table)

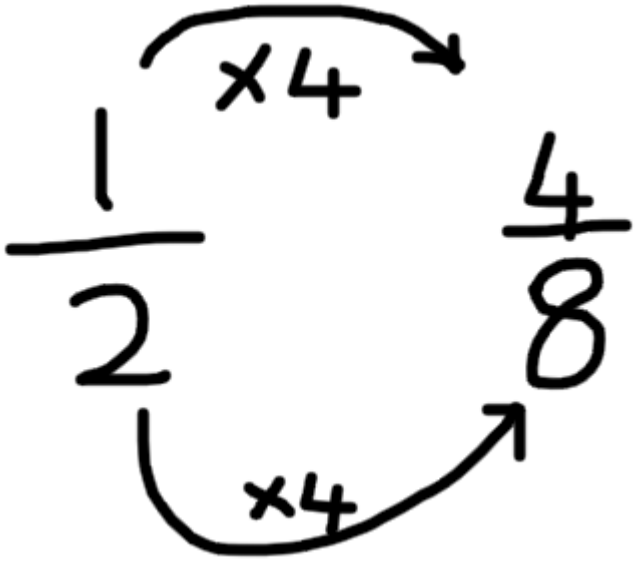
Today we will be deciding which fraction is smaller or larger than the other. Below are steps on how to do this.

Which is larger? ½ or 3/8?

Step 1- Find the lowest common multiple for the denominators (list them).

Multiples of 2	Multiples of 8
2	8
4	16
6	24
8	32
10	40

Step 2- convert the fraction(s) so that they are both eighths. Whatever you do to the denominator, you must do to the numerator.



Step 3- Rewrite both fractions and compare them. Which is larger 4/8 or 3/8? The answer is 4/8.

Follow these steps for each of your questions.

Section A

Which fraction is larger?

1) ¼ or 1/8
2) 2/3 or 2/9
3) ¾ or 5/12
4) ½ or 3/8
5) 3/5 or 7/10
6) 2/3 or 5/6
7) ¾ or 7/12
8) 7/8 or 15/16

Section B

You will need to change both denominators in your questions to the lowest common denominator.

1) 1/6 or 1/7

2) ¾ or 3/5

3) 2/3 or ¾

4) ¾ or 5/6

5) 4/10 or 5/12

6) 5/8 or 7/12

7) 1/3 or 2/5

8) 2/5 or 3/8

Now order these fractions from smallest to largest

1) 1/5 1/8 1/3

2) 4/5 4/11 4/7

3) 1/6 ¼ 1/10

4) 7/10 7/12 7/8