- Why do we need the same denominators? And shapes?

$$\frac{2}{4} \quad + \quad \frac{3}{8}$$

Will _____ work!
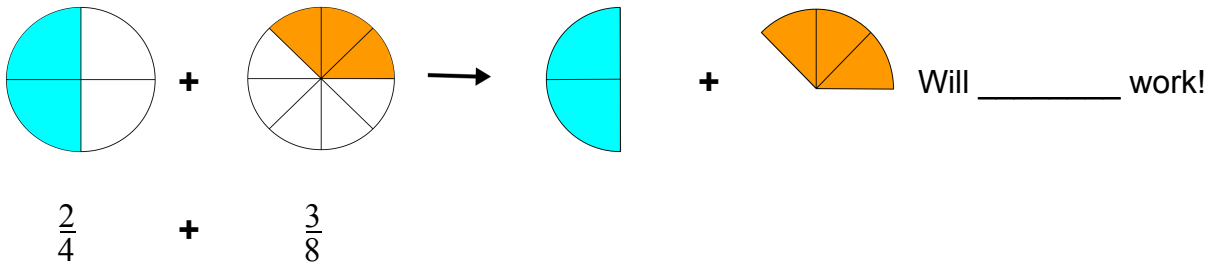
- We will use _____ fractions to make the denominators the same.

$$\frac{2}{4} \quad \longrightarrow \quad \underline{\qquad}$$

$$+ \frac{3}{8} \quad \longrightarrow \quad \underline{\qquad}$$

4, 8

Draw your rainbows and equivalent fractions.

$$7\frac{5}{9}$$

$$+ 10\frac{2}{15}$$

_____, _____

15x2 or 15+15 = _____

15x3 or 30+15 = _____

- Steps in finding LCD (least _____ denominator):
  1. Circle _____ denominator.
  2. Do other denominators _____ _____ it?
     If yes, you found the _____!
     If not, go up again by your _____ number.
        (multiply by _____ or add it to itself)
  3. Do other denominators go into that?
     Yes, winner!
     No, keep going up by _____ # until you get a winner.

● Find the LCD of:

$$4\tfrac{5}{6}, \quad 2\tfrac{2}{9}, \quad \tfrac{3}{4}$$

1. _____, _____, _____
2. circle biggest number
3. do 6 and 4 go into 9? _____
4. multiply 9 by 2 = 18
    do 6 and 4 go into 18? _____
5. multiply 9 by 3 = 27
    do 6 and 4 go into 27? _____
6. multiply 9 by 4 = 36
    do 6 and 4 go into 36? _____

4. 9 x _____ = 36

5. 6 x _____ = 36

6. 4 x _____ = 36

LCD: _____

● Practice

$$5\tfrac{2}{3}$$

$$+\ 1\tfrac{5}{8}$$

_____, _____