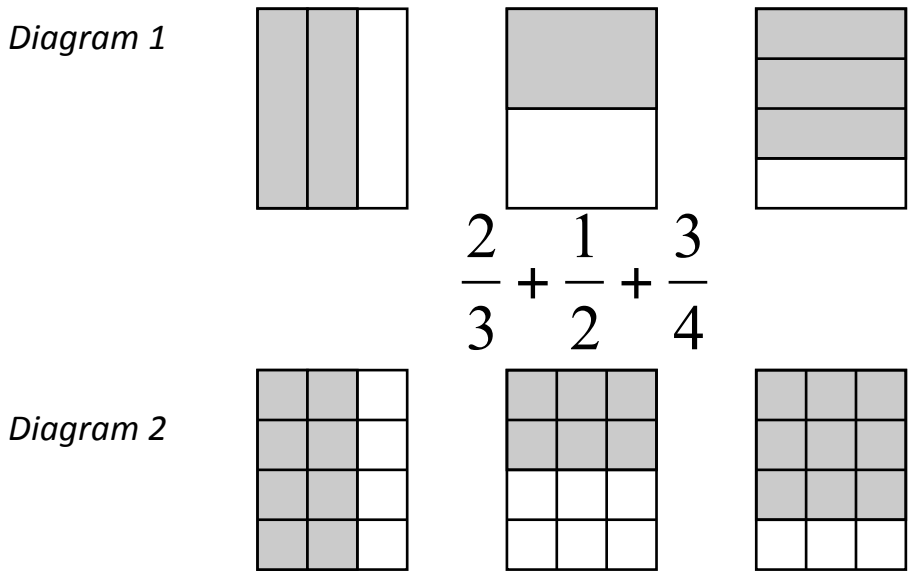


Strand: Numbers and Operations Name: KEY

Skill Addressed: Understanding Operations with Fractions Blk:

Activity: *Adding Fractions*



Re-Write all three fractions with the correct Common Denominator:

$$\frac{8}{12} + \frac{6}{12} + \frac{9}{12} = \frac{23}{12} \text{ or } 1\frac{11}{12}$$

How can you tell from the second diagram that the common denominator is 12? Each box is divided into 12 parts (3 by 4).

How can you tell from the second diagram what is the total number of parts? I counted the total number of shaded squares.

How do you find the lowest common denominator using arithmetic? multiply the denominators, but then divide by any shared factors

What did you have to do to $\frac{2}{3}$ to make it a fraction that could be added to the other two?

divide each third into 4 smaller equal parts