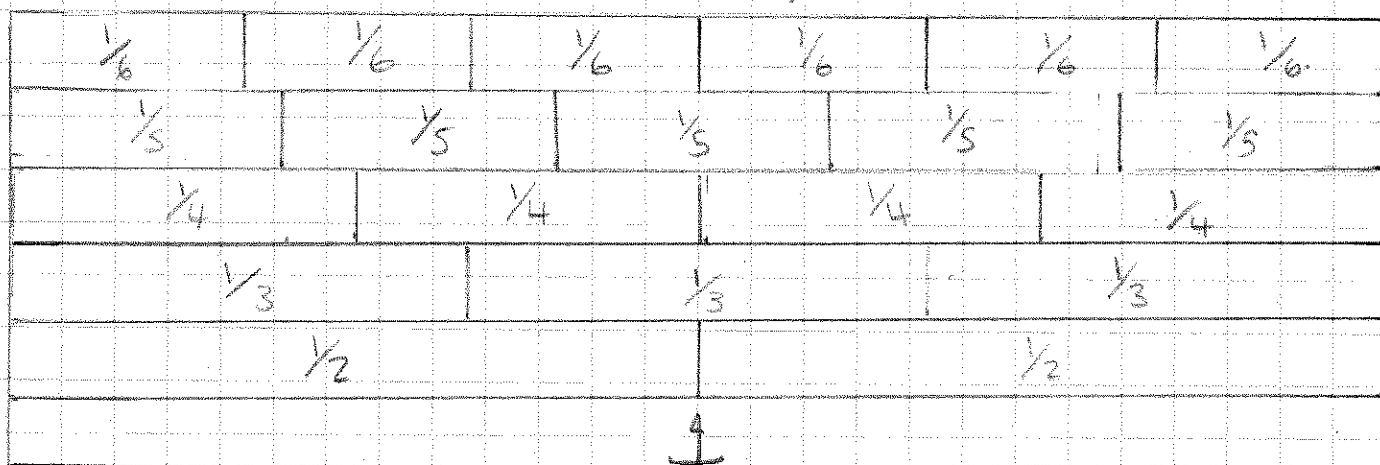


25/06/18

# Tumbling Down



In the starting image, I can see a fraction wall. There are some fractions on the wall that are equivalent.  $\frac{2}{6}$  and  $\frac{1}{3}$ ,  $\frac{3}{6}$  and  $\frac{2}{4}$  and  $\frac{1}{2}$ ,  $\frac{4}{6}$  and  $\frac{2}{3}$  are the equivalent fractions on the wall. I can also see that all the lines go together when they tumble down. I notice that it always has a line of symmetry while it tumbles. ✓ Great start



At the ending point you can see that all of the lines have joined up together. To get the value of the ending parts of the ending image I lined both ending and starting image together and I subtracted the fractions from each other. To get the value of the part of the first verticle line you have to line it up with the starting picture. The value is  $\frac{1}{6}$ . The second part you have to calculate  $\frac{1}{5} - \frac{1}{6}$ . The third part you have to calculate  $\frac{1}{4} - \frac{1}{5}$ . The fourth part you have to calculate  $\frac{1}{3} - \frac{1}{4}$ . The fifth part you have to calculate  $\frac{2}{5} - \frac{2}{6}$ . The sixth part you have to calculate  $\frac{2}{4} - \frac{2}{6}$ . You don't need to carry on with the calculations. Since the picture is symmetrical you just have to put the same values down. ✓

✓ Excellent observations Vivian