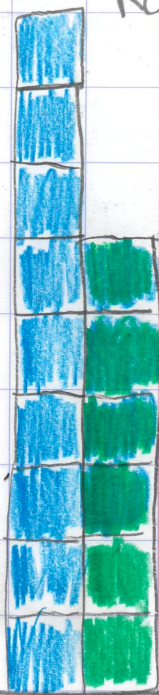
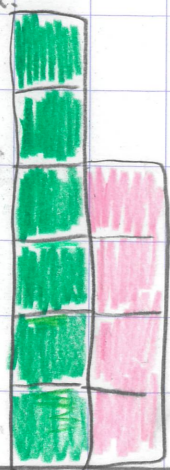


Rod Ratios

1. Ratio 3:2



2.

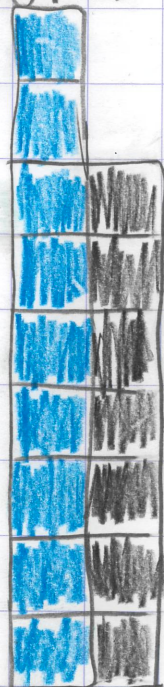


The ratio is 3:2 because if you look at the smallest pair you can see 3 blocks to 2 blocks. The next (#2) just doubles and if you put that into fractions ($\frac{6}{4}$) and then simplify that it would be $\frac{3}{2}$. Same with #1.

3.



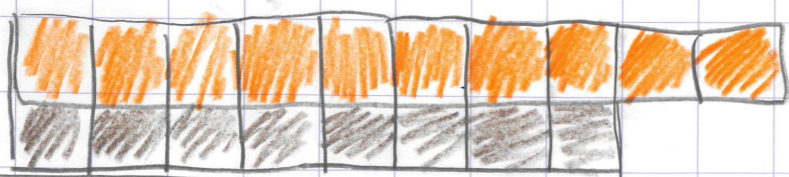
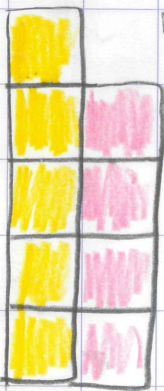
What is the ratio of the pair below?



I think the ratio is 9:7 because if you put 9:7 in to a fraction it would be $\frac{9}{7}$. But you cannot simplify it any more.

What is the ratio of the pair below? And what are other pairs with the same ratio?

I think the ratio is 5:4 because if you change it in to fractions you cannot simplify it. you can make this pair that has the same ratio because if you turn it in to fractions and simplify it it becomes $\frac{5}{4}$.



How many pairs can you find with the same ratio only using single rods?

I found none because you cannot simplify 15:9 or $\frac{9}{15}$ any more.

Using only Pairs of single rods what pairs can you find with the ratio 9:6?

I found one way.

