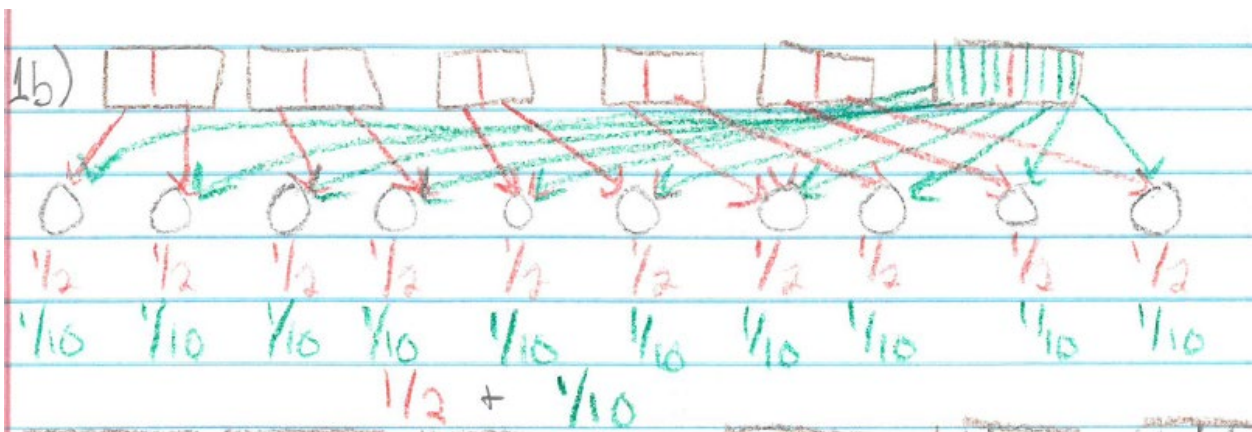
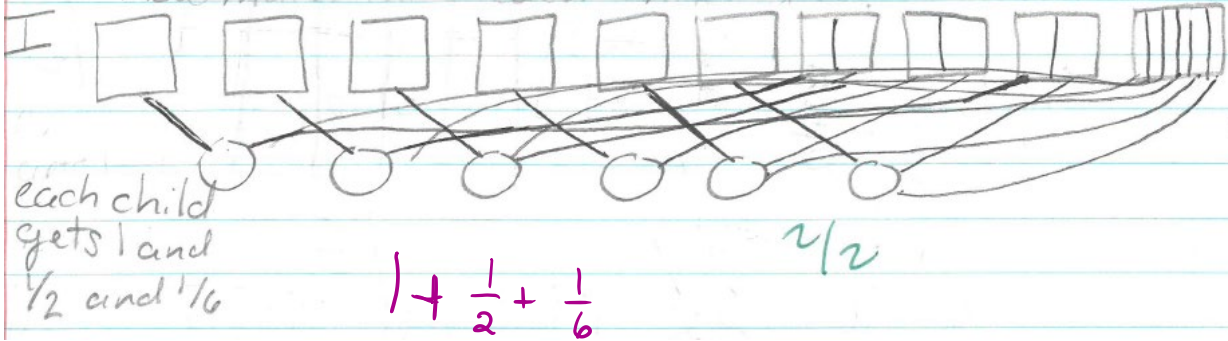



a. 6 children are sharing 10 brownies.
 how much does each child get?

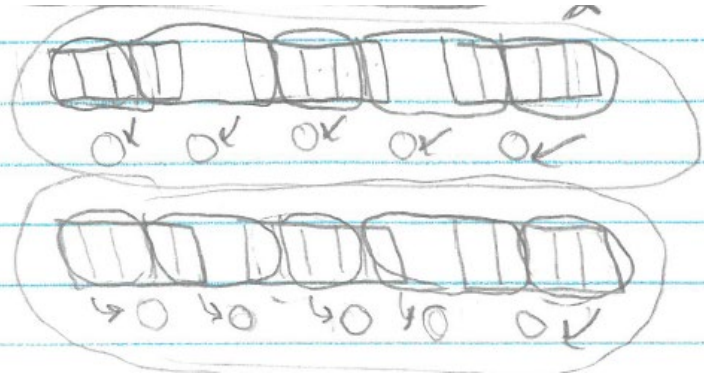
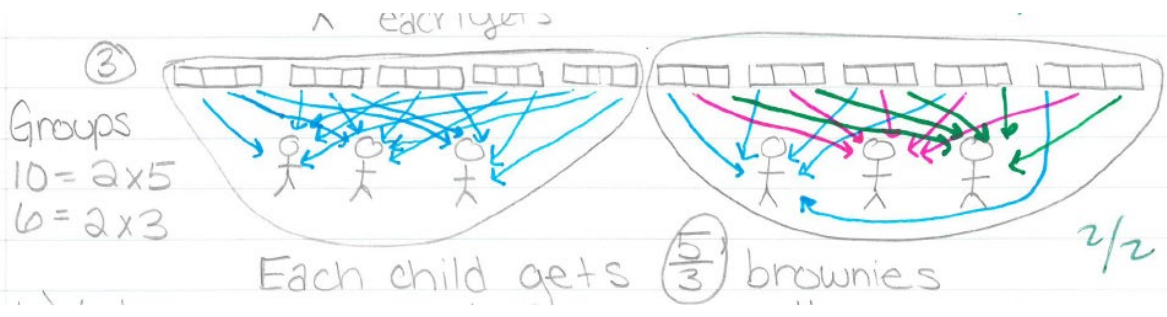


Share each: $\frac{10}{6}$ ✓ $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$ ✓ $2\frac{1}{2}$ 

each kid get one piece of Brownie

II

each child gets $\frac{6}{10}$ $2\frac{1}{2}$



$2 \times 5 = 10$

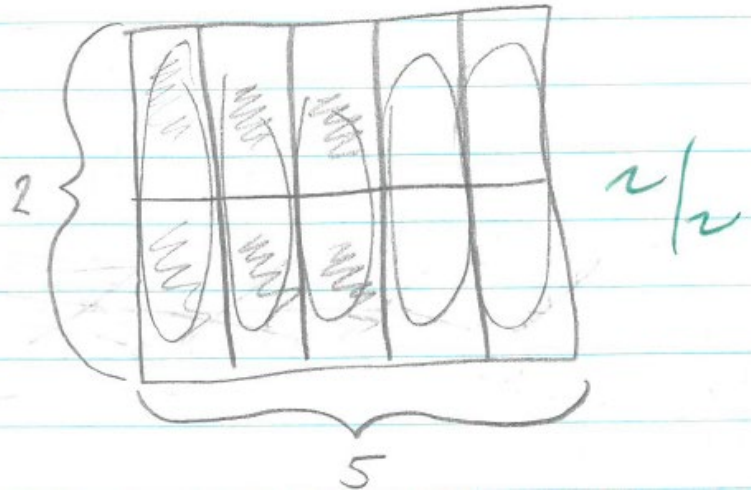
$\frac{2}{2}$

$2 \times 3 = 6$

3
5

$$a. \frac{6}{10} = \frac{2 \times 3}{2 \times 5}$$

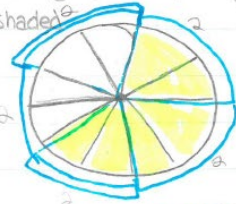
$$\frac{6 \div 2}{10 \div 2} = \frac{3}{5}$$



2) Show how to visually simplify each fraction by grouping.

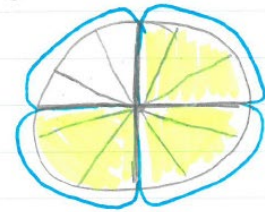
$$a) \frac{6}{10} = \frac{3 \times 2}{5 \times 2} = \frac{6 \div 2}{10 \div 2} = \frac{3}{5}$$

3 groups shaded
5 groups in whole
groups of 2



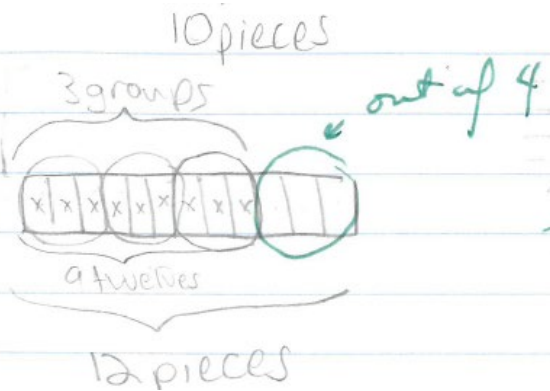
$$b) \frac{9}{12} = \frac{3 \times 3}{3 \times 4} = \frac{9 \div 3}{12 \div 3} = \frac{3}{4}$$

3 groups shaded
4 groups in whole
groups of 3

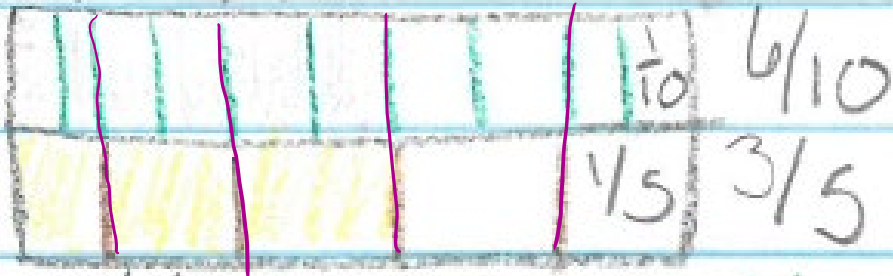


b. $\frac{9}{12}$

$$\frac{9 \div 3}{12 \div 3} = \frac{3}{4}$$



a) $\frac{6}{10}$

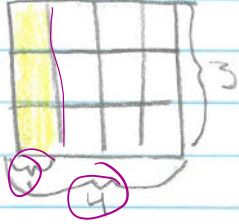


$$\frac{6}{10} = \frac{3}{5}$$

$\frac{2}{2}$

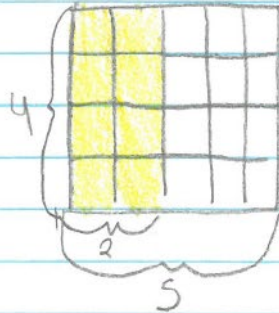
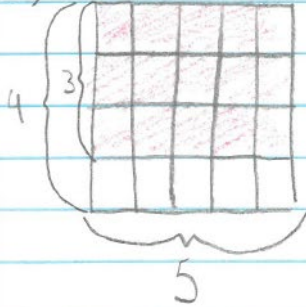
3) Use Squares to find equivalent fractions & solve

a) $\frac{2}{3} - \frac{1}{4}$

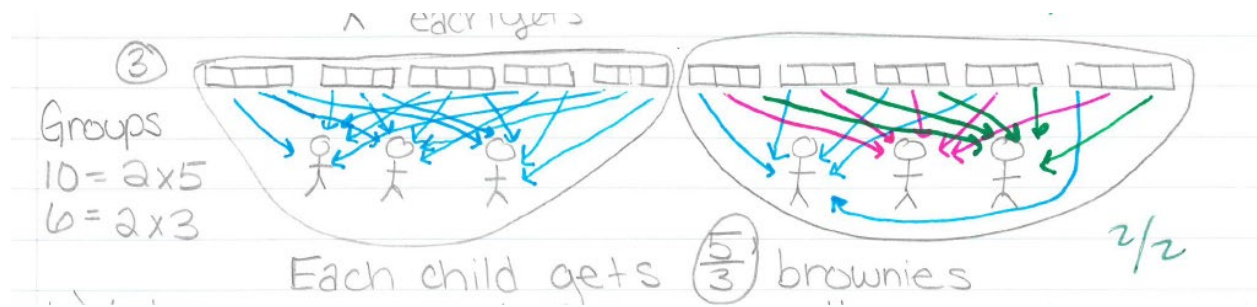


$$\frac{2 \times 4}{2 \times 4} - \frac{1 \times 3}{4 \times 3} = \frac{8}{12} - \frac{3}{12} = \frac{5}{12}$$

b) $\frac{3}{4} + \frac{2}{5}$



$$\frac{3 \times 5}{4 \times 5} + \frac{2 \times 4}{5 \times 4} = \frac{15}{20} + \frac{8}{20} = \frac{23}{20}$$



$$\frac{5}{3} \oplus \frac{5}{3} = \frac{10}{6}$$

↑
wrong symbol

5 kids + 5 kids
 3 brownies + 3 brownies

10 k
 6 br

If I have 5 kids sharing 3 brownies and another 5 kids sharing 3 brownies, each kid gets $\frac{5}{3}$ of a brownie.

If I put them together that's 10 kids sharing 6 brownies, each kid gets $\frac{10}{6}$ of a brownie. A kid gets the same amount both ways.

$\frac{3}{4} + \frac{3}{4}$ brownies

I start with $\frac{3}{4}$ of a brownie. I go back and get another $\frac{3}{4}$ of a brownie. How much of a brownie do I have altogether?

Each child gets $\frac{3}{4}$ of a brownie. Each child gets another $\frac{3}{4}$ of a brownie. How much does each child get?

Each child gets $\frac{3}{4}$ of a brownie. How much do 2 children get?

Brownies

Candy bars

Apples

Sandwich

Cookie

Banana

$\frac{1}{2}$ gallon of milk

$\frac{1}{2}$ cup of sugar

$\frac{1}{2}$ mile

$\frac{1}{2}$ yard

$\frac{1}{2}$ spoonful (teaspoon or Tablespoon)

$\frac{1}{2}$ inch