

Worksheet 3.1

**Fractions OF Fractions**

Bits and Pieces II

Brownie Pans

1 pan = \$12

$\frac{1}{2}$  of  $\frac{2}{3}$



$$\frac{1}{2} \times \frac{2}{3} = \frac{1}{3}$$

$$\frac{1}{3} \times 12 = 4$$

$\frac{3}{4}$  of  $\frac{1}{2}$



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

$$\frac{3}{8} \times 12 = 4.50$$

fraction of fraction      fraction of whole

Multiply numerators  
multiply denominators

$$\frac{1}{2} \times \frac{2}{3} = \frac{2}{6} = \frac{1}{3}$$

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

$$\frac{2}{5} \times \frac{1}{3} = \frac{2}{15}$$

$$\frac{1}{3} \times 12 = 4$$

$$\frac{3}{8} \times 12 = 4.50$$

$$3 \times 1.5 = 4.50$$

$$\frac{4}{5} \times 30 = 24$$

$4 \times 6$

whole #  
÷ by denominator  
then × by numerator

## Labsheet 3.1

Pictures

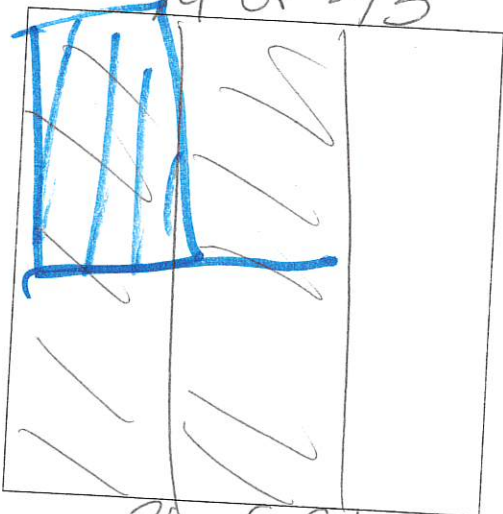
## math

Bits and Pieces II

 $\frac{1}{3}$  of  $\frac{1}{4}$  Brownie Pans

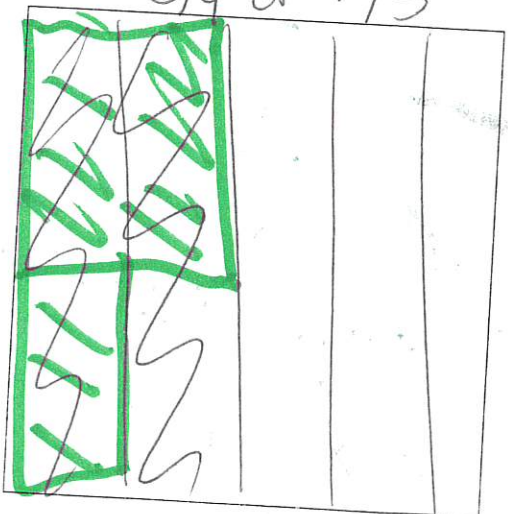
$$\frac{1}{3} \times \frac{1}{4} = \frac{1}{12}$$

$$\frac{1}{12} \times 12 = 1$$

 $\frac{1}{4}$  of  $\frac{2}{3}$ 

$$\frac{1}{4} \times \frac{2}{3} = \frac{2}{12} \text{ or } \frac{1}{6}$$

$$\frac{2}{12} \times 12 = 2$$

 $\frac{3}{4}$  of  $\frac{2}{5}$ 

$$\frac{3}{4} \times \frac{2}{5} = \frac{6}{20} \text{ or } \frac{3}{10}$$

$$\frac{3}{10} \times 12 = 3.60$$