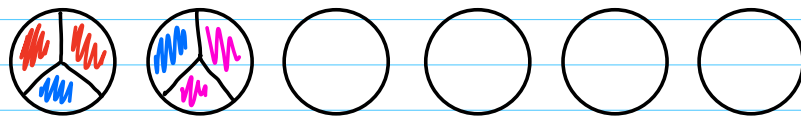
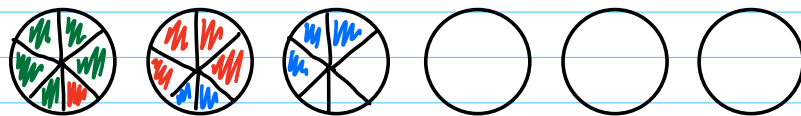


MULTIPLYING FRACTIONS



$$3 \times \frac{2}{3} = \frac{6}{3} \rightarrow 3 \text{ GROUPS of } \frac{2}{3} \text{ is } \frac{6}{3} \text{ (or 2 WHOLEs)}$$

denominator doesn't change b/c the # of pieces in 1 whole doesn't change



$$3 \times \frac{5}{6} = \frac{15}{6} =$$

MULTIPLYING FRACTIONS w/ WHOLE NUMBER:

MULTIPLY WHOLE # w/ NUMERATOR

$$3 \times \frac{6}{7} = \frac{3 \times 6}{7} = \frac{18}{7} = 2 \frac{4}{7}$$

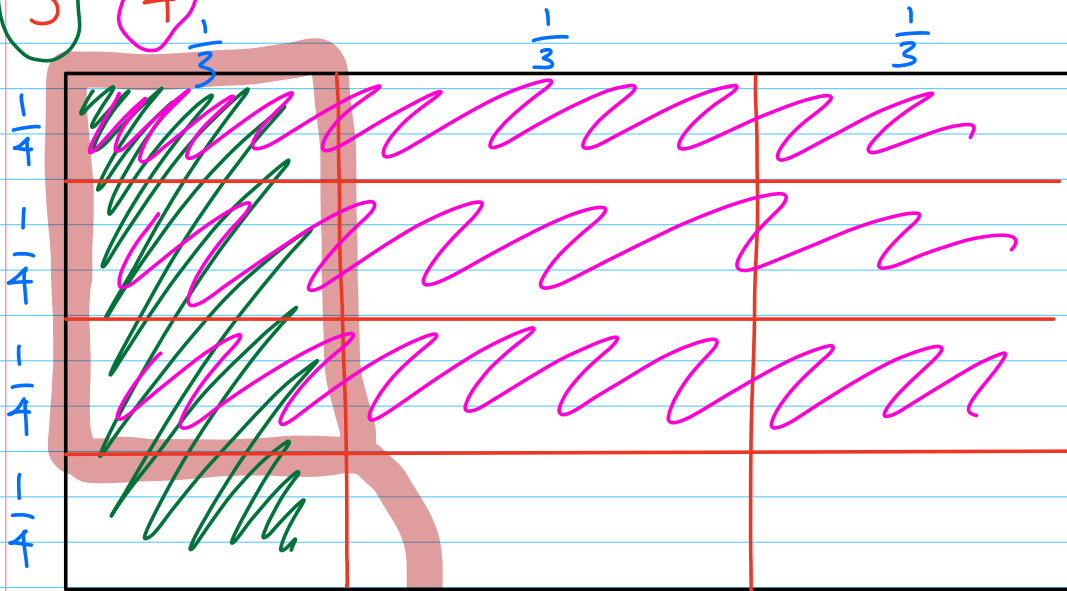
MULTIPLYING FRACTIONS w/ A FRACTION:

- ① NUMERATOR \times NUMERATOR
- ② DENOM \times DENOM
- ③ Simplify (if possible)

$$\frac{4}{6} \times \frac{3}{7} = \frac{4 \times 3}{6 \times 7} = \frac{12}{42} = \frac{2}{7}$$

HOW TO MODEL FRACTION MULTIPLICATION

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



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

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

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

