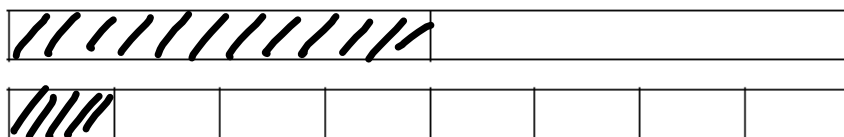


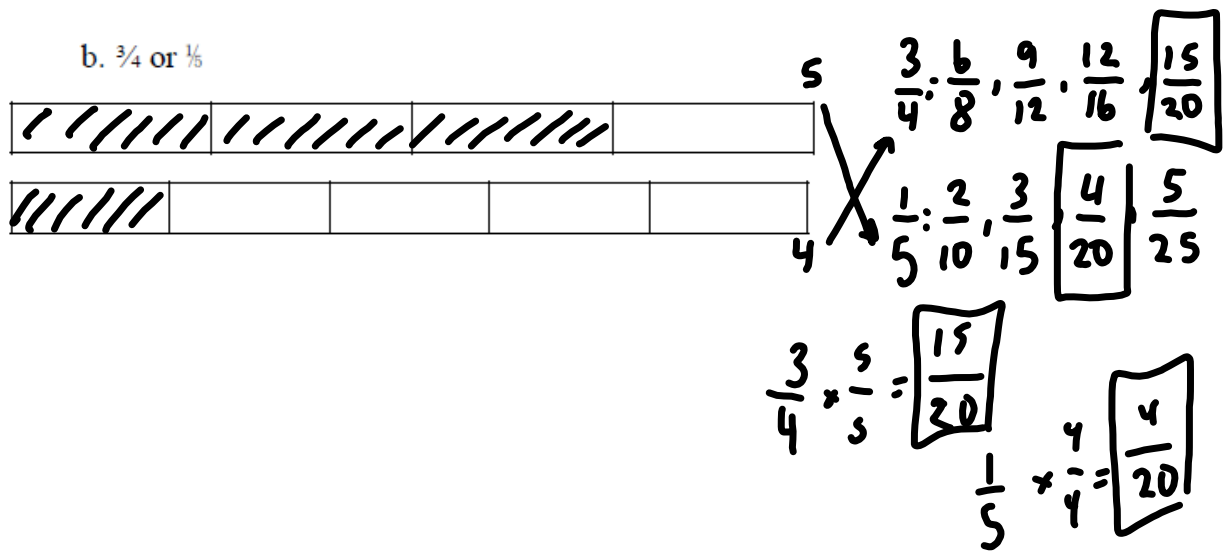
Grade 5 Fractions Review Quiz on May 13th, 2021

1. Using Patterns or Fraction Strips, show which fraction is larger.
 a. $\frac{1}{2}$ or $\frac{1}{8}$



$\frac{1}{2} : \frac{2}{4} : \frac{3}{6} : \boxed{\frac{4}{8}}$
 $\boxed{\frac{1}{8}}$

$\frac{4}{8} > \frac{1}{8}$



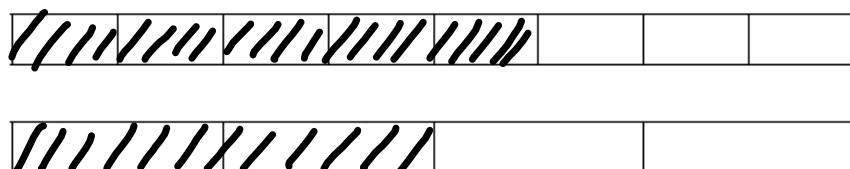
c. $\frac{1}{2}$ or $\frac{3}{6}$



$$\frac{1}{2} = \frac{2}{4} \boxed{\frac{3}{6}}$$

$$\boxed{\frac{3}{6}} \quad \frac{3}{6} = \frac{3}{6}$$

d. $\frac{5}{8}$ or $\frac{2}{4}$



$$\begin{array}{l} \boxed{\frac{5}{8}} \\ \frac{2}{4} = \boxed{\frac{4}{8}} \\ \frac{5}{8} > \frac{4}{8} \end{array}$$

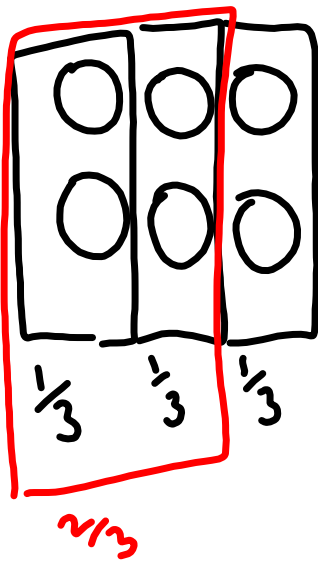
2. I can write a given fraction with a denominator of 10, 100, or 1000 as a decimal:

a. What is $\frac{1}{10}$ as a decimal? $\frac{1}{10} = \underline{0}.\underline{1}$

b. What is $\frac{75}{100}$ as a decimal? $\frac{75}{100} = \underline{0}.\underline{7}\underline{5}$

c. What is $\frac{3}{1000}$ as a decimal? $\frac{3}{1000} = \underline{0}.\underline{0}\underline{0}\underline{3}$

3. You eat $\frac{2}{3}$ of the 6 chocolates in the box. How many chocolates did you eat?
 (Draw a picture to help show your answer.)



4 Chocolates



→ 3 pieces for each whole chocolate.
 → we have 12 pieces so.....
 $3 \times 4 = 12$
 We have 4 chocolates.

4. Write the equivalent fractions for the following decimals

a. $0.5 = \frac{5}{10}$

b. $0.50 = \frac{50}{100}$

c. $0.500 = \frac{500}{1000}$

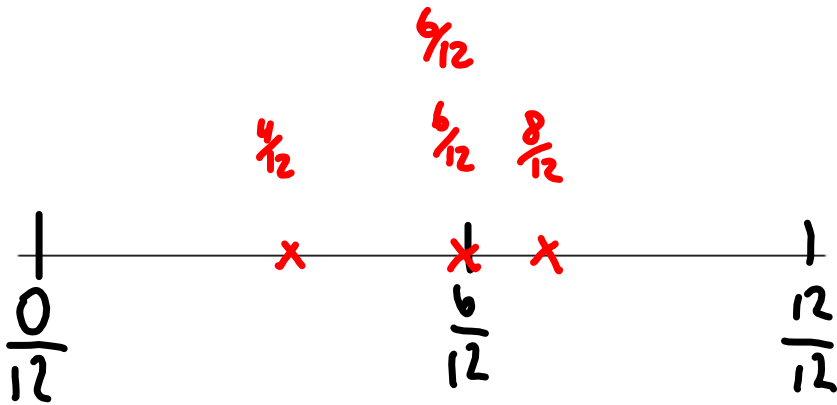
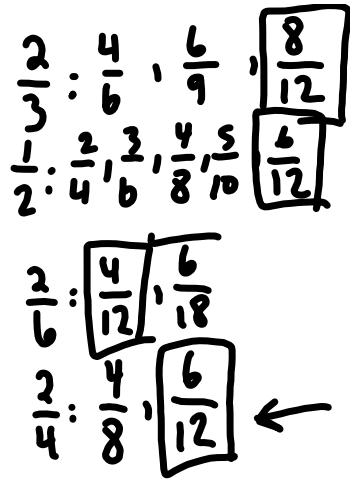
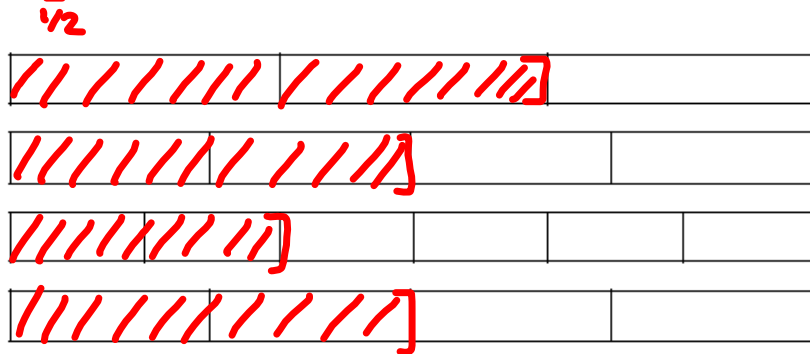


They are all Equivalent
or the same!!

$$\frac{500000000}{1000000000}$$

5. Order the fractions from least to greatest on a number line below using either fraction strips or patterns

$\frac{1}{2}$ $\frac{2}{6}$ $\frac{2}{4}$



7. Compare the following fractions using $<$, $>$, or $=$

a) $\frac{1}{3} < \frac{3}{4}$

$$\frac{1}{3} : \frac{2}{6}, \frac{3}{9}, \frac{4}{12}$$

$$\frac{3}{4} : \frac{6}{8}, \frac{9}{12}$$

b) $\frac{4}{5} < \frac{6}{7}$

$$\frac{4}{5} : \frac{8}{10}, \frac{12}{15}, \frac{16}{20}, \frac{20}{25}, \frac{24}{30}, \frac{28}{35}$$

$$\frac{6}{7} : \frac{12}{14}, \frac{18}{21}, \frac{24}{28}, \frac{30}{35}$$

c) $\frac{1}{4} < \frac{2}{5}$

$$\frac{1}{4} : \frac{2}{8}, \frac{3}{12}, \frac{4}{16}, \frac{5}{20}$$

$$\frac{2}{5} : \frac{4}{10}, \frac{6}{15}, \frac{8}{20}$$

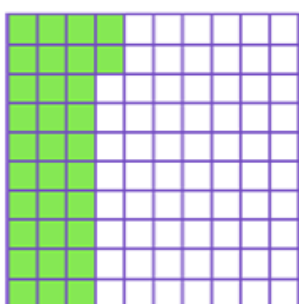
8. Fill out the next 2 equivalent fractions in the list:

a. $\frac{2}{3}$: $\frac{4}{6}$, $\frac{6}{9}$

b. $\frac{1}{6}$: $\frac{2}{12}$, $\frac{3}{18}$

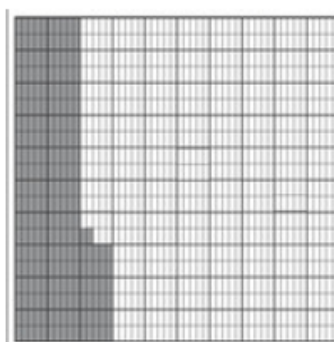
9. Write a fraction and a decimal to represent the following:

Hundredths Grid



Fraction: $\frac{32}{100}$

Decimal: 0.32



Fraction: $\frac{232}{1000}$

Decimal: 0.232

Ellen has two birthday cakes that are the same size. One is chocolate and one is vanilla.

The boys ate $\frac{4}{5}$ of the chocolate cake. The girls ate $\frac{6}{7}$ of the vanilla cake. Who ate more cake?



The girls ate more cake!!

$$\frac{4}{5} = \frac{8}{10}, \frac{12}{15}, \frac{16}{20}, \frac{24}{30}, \frac{28}{35}$$

$$\frac{6}{7} = \frac{12}{14}, \frac{18}{21}, \frac{24}{28}, \frac{30}{35}$$

$$\frac{30}{35} > \frac{28}{35}$$