NEW CAMBRIDGE SCHOOL		
FACULTY/FACULTAD	Ciencias Exactas	
SUBJECT	Mathematics	
TEACHER	Ishmael Luke Thomas	
GRADE	Grade 5	
DATE/FECHA		
STUDENT		

META: Solve operations that include fractions with like and unlike denominators, proper and improper fractions, expressing improper fractions as mixed numbers, simplification and amplification of fractions, identification of equivalent fractions, ordering fractions and mixed numbers by placing them on a number line, word problems involving ratio and direct proportion.

LEARNING OBJECTIVES: With the aid of guided online activities, students will be able to simplify fractions, compare unlike fractions/ identify equivalent fractions, express improper fractions as mixed numbers, add, subtract, multiply and divide unlike fractions, express fractions as decimals, determine fraction of a given number, solve word problems.

GUIDE # 3

FRACTIONS

ELABORATE: SIMPLIFYING FRACTIONS

Simplify each of the following fractions:

(1) $\frac{2}{4} =$

(2) $\frac{6}{9} =$

(3) $\frac{10}{12} =$

(4) $\frac{8}{24} =$

(5) $\frac{5}{15} =$

(6) $\frac{8}{40} =$

ELABORATE: EXPRESSING IMPROPER FRACTIONS AS MIXED NUMBERS

Express the following improper fractions as mixed numbers:

(1) $\frac{5}{2} =$

(2) $\frac{9}{2} =$

(3) $\frac{22}{5} =$

(4) $\frac{26}{10} =$

(5) $\frac{12}{5} =$

(6) $\frac{16}{5} =$

(7) $\frac{6}{4} =$

(8) $\frac{61}{12} =$

(9) $\frac{10}{9} =$

(10) $\frac{16}{5} =$

ELABORATE: EQUIVALENT FRACTIONS

For each of the following fractions, make two other equivalent fractions:

(1) $\frac{3}{4}$ _____ _____

(2) $\frac{5}{6}$ _____ _____

(3) $\frac{2}{10}$ _____ _____

(4) $\frac{2}{3}$ _____ _____

(5) $\frac{4}{8}$ _____ _____

For each of the following, either the numerator or denominator is missing in one of the pair of fractions. Enter the missing number to create the equivalent fraction.

(5) $\frac{2}{4} = \frac{__}{4}$

(6) $\frac{5}{10} = \frac{__}{20}$

(7) $\frac{__}{30} = \frac{1}{10}$

(8) $\frac{5}{25} = \frac{__}{75}$

(9) $\frac{40}{60} = \frac{__}{10}$

(10) $\frac{__}{12} = \frac{24}{48}$

ELABORATE: COMPARING FRACTIONS

Compare the fractions by writing <,=, or > in the space provided.

(1) $\frac{2}{4}$ ☐ $\frac{2}{3}$

(2) $\frac{4}{5}$ ☐ $\frac{2}{6}$

(3) $\frac{3}{4}$ ☐ $\frac{6}{8}$

(4) $\frac{3}{4}$ ☐ $\frac{4}{5}$

(5) $\frac{3}{5}$ ☐ $\frac{9}{10}$

(6) $\frac{10}{20}$ ☐ $\frac{3}{6}$

(7) $\frac{3}{4}$ ☐ $\frac{9}{12}$

(8) $\frac{10}{25}$ ☐ $\frac{2}{5}$

(9) $\frac{10}{30}$ ☐ $\frac{4}{5}$

(10) $\frac{3}{6}$ ☐ $\frac{4}{8}$

(11) $\frac{15}{30}$ ☐ $\frac{4}{8}$

(12) $\frac{20}{25}$ ☐ $\frac{5}{10}$

BIBLIOGRAFÍA

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MEASURING UNITS https://www.youtube.com/watch?v=uTIJmUhgOZY

TRAIN AND BUS TIMETABLES https://www.youtube.com/watch?v=26y0RFw4FIs

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