

The Primary Stage of Grades (4-5)
School Year 2022 – 2023
Second semester

Name: Key
Date: 12/2023

Subject: Math
Class: 4 CP (C, D, E, F & G)

Revision (1)

- Objectives:** Recognize simple fractions.
Complete fractions to make one whole.
Find equivalent fractions and write fractions in the simplest form.
Divide three and four digits by one digit.
Solve multi step word problems.
Decide whether to round the answer up or down

1) Find the quotient of the following (Express your answer as fraction)

a)
$$\begin{array}{r} \times 0729 \\ 7 \overline{) 5108} \\ \underline{-0} \\ 48 \\ \underline{-49} \\ 20 \\ \underline{-14} \\ 68 \\ \underline{-63} \\ 5 \end{array}$$

Quotient: 729
Reminder: 5

Fraction:
$$\frac{729}{7} \frac{5}{7}$$

b)
$$\begin{array}{r} \times 1029 \\ 9 \overline{) 9263} \\ \underline{-9} \\ 02 \\ \underline{-0} \\ 26 \\ \underline{-18} \\ 83 \\ \underline{-81} \\ 2 \end{array}$$

Quotient: 1029
Reminder: 2

Fraction:
$$\frac{1029}{9} \frac{2}{9}$$

$$\begin{array}{r}
 \text{c) } 5 \overline{) 8396} \\
 \underline{-5} \\
 33 \\
 \underline{-30} \\
 39 \\
 \underline{-35} \\
 46 \\
 \underline{-45} \\
 1
 \end{array}$$

Quotient: 1679

Reminder: 1

Fraction: $\frac{1679}{5} \frac{1}{5}$

$$\begin{array}{r}
 \text{d) } 3 \overline{) 1147} \\
 \underline{-0} \\
 11 \\
 \underline{-9} \\
 24 \\
 \underline{-24} \\
 00 \\
 7 \\
 \underline{-6} \\
 1
 \end{array}$$

Quotient: 382

Reminder: 1

Fraction: $\frac{382}{3} \frac{1}{3}$

2) Write the following fractions in the simplest form. *Keep on dividing until you can't divide anymore*
 showing your work.

a) $\frac{38 \div 2}{46 \div 2} = \frac{19}{23}$

or
 $\frac{1}{2} = \frac{28 \div 2}{56 \div 2} = \frac{14 \div 2}{28 \div 2} = \frac{7 \div 7}{14 \div 7} = \frac{1}{2}$
 because 28 is half of 56

c) $\frac{35 \div 5}{45 \div 5} = \frac{7}{9}$

d) $\frac{28 \div 2}{58 \div 2} = \frac{14}{29}$

3) Complete to make the following statements true:

a) $\frac{\boxed{32}}{64} = \frac{8 \times 4}{8 \times 8}$

b) $\frac{7}{9} = \frac{35}{\boxed{45}}$

c) $\frac{32}{\boxed{44}} = \frac{4 \times 8}{4 \times 11}$

d) $\frac{7 \times 3}{12 \times 3} = \frac{\boxed{21}}{36}$

e) $\frac{20}{\boxed{25}} = \frac{80}{100}$

f) $\frac{8}{11} = \frac{32}{\boxed{\quad}}$

we can multiply numerator + denominator by any #

g) $\frac{7 \times 10}{18 \times 10} = \frac{\boxed{70}}{\boxed{180}}$

either use multiplication by any #

h) $\frac{16 \div 4}{28 \div 4} = \frac{\boxed{4}}{\boxed{7}}$ OR $\frac{16 \div 2}{28 \div 2} = \frac{8}{14}$

OR use division

i) $\frac{\boxed{2}}{\boxed{5}} = \frac{2 \div 4}{2 \div 10} = \frac{\boxed{\quad}}{\boxed{\quad}}$

if you choose to divide only you can divide by 2

if you use multiplication you can multiply both numerator + denominator by any #

4) Complete the following statements:

a) All Fractions with denominators that are a multiple of 5 must be equivalent to a fraction with denominator of

$$\underline{5 \text{ or multiples of } 5}$$
$$\frac{25}{25} = \frac{15}{15} = \textcircled{5}$$

b) when a whole pizza is divided into 7 equal parts, then my denominator is 7.

$$1 \text{ whole} = \frac{7}{7}$$

5) Sam caught 63 fish in the morning. He ⁽⁻⁾ threw 16 back because they were too small. Then he caught 42 more fish.

a) What is the total number of fish he caught during that day?

$$63 - 16 = 47 \text{ fish}$$

$$47 + 42 = 89 \text{ fish in total he caught during that day.}$$



OR

$$63 + 42 = 105 \text{ he caught}$$

$$105 - 16 = 89 \text{ fish}$$

↓
he threw back

- b) He wants to put all the fish he caught in boxes to sell them to the market, each box can hold 6 fish.
How many boxes he would sell?

$$\begin{array}{r} \times 14 \\ 6 \overline{) 89} \\ \underline{-6} \\ 29 \\ \underline{-24} \\ 5 \end{array}$$

he would
sell only
the full
boxes



So he would sell 14 boxes

- c) The price of each box is \$28.
How much money will he make in total from selling the boxes?

③

$$\begin{array}{r} \times 14 \\ \times 28 \\ \hline 112 \\ + 280 \\ \hline 392 \end{array}$$

\$392 he will make in
Total from selling
the boxes

Note: in word problems.

6) In a bake sale a school sold 325 cup cakes each costing \$3 and 175 sweets each cost \$5.

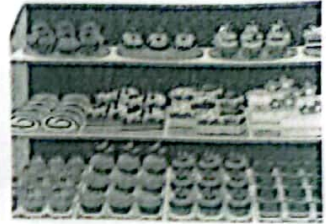
a) How much money did the school collect from the bake sale in total?

$$\begin{array}{r} \textcircled{1} \\ \times 325 \\ \hline 975 \\ \hline \end{array}$$

\$975 from selling cupcakes

$$\begin{array}{r} \textcircled{3} \textcircled{2} \\ \times 175 \\ \hline 875 \\ \hline \end{array}$$

\$875 made from selling sweets



Total: $975 + 875 = \$1,850$ made in Total

b) The school wants to donate the money equally to 7 families. How much money does each family get?

$$\begin{array}{r} \times 264 \\ 7 \overline{) 1850} \\ \underline{-14} \\ 45 \\ \underline{42} \\ -30 \\ \underline{-28} \\ 2 \end{array}$$

each family gets \$264



MATH IS FUN!

YOU CAN DO IT