

## The Primary Stage of Grades (4-5)

Second Semester 2022 - 2023

Name: \_\_\_\_\_

Subject: Mathematics

Date: / /

Worksheet( 2 )

Class: Grade 5 (C,D,E,F&G)

**Objectives:**

To find equivalent fractions

To write fractions in the simplest form

**Question 1:** Use these boxes to help you find the equivalent fractions. Shade the boxes below and write the correct equivalent fraction.

\* The first one has been done for you

1)

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

 $\frac{1}{2} = \frac{\square}{4}$ 

2)

$\frac{1}{2}$	$\frac{1}{2}$				

 $\frac{1}{2} = \frac{\square}{6}$ 

3)

$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$		

 $\frac{2}{3} = \frac{\square}{6}$ 

4)

$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$		

 $\frac{3}{4} = \frac{\square}{8}$

**Question 2:** Fill in the missing numbers to make the following statements true (show your work).

You can get your answer in different ways:

**Divide or Multiply** numerator & denominator **by the same number.**

a)  $\frac{2}{5} = \frac{4}{\boxed{\phantom{000}}}$

b)  $\frac{1}{3} = \frac{\boxed{\phantom{000}}}{18}$

c)  $\frac{12}{24} = \frac{6}{\boxed{\phantom{000}}}$

d)  $\frac{14}{35} = \frac{\boxed{\phantom{000}}}{5}$

e)  $\frac{5}{6} = \frac{20}{\boxed{\phantom{000}}}$

f)  $\frac{16}{40} = \frac{\boxed{\phantom{000}}}{10}$

g)  $\frac{6}{12} = \frac{18}{\boxed{\phantom{000}}}$

h)  $\frac{12}{18} = \frac{\boxed{\phantom{000}}}{9}$

You can get your answer **By dividing** the numerator & the denominator by the common Factor

i)  $\frac{30}{\boxed{\phantom{00}}} = \frac{5}{10} = \frac{1}{\boxed{\phantom{00}}}$

j)  $\frac{\boxed{\phantom{00}}}{24} = \frac{3}{6} = \frac{1}{\boxed{\phantom{00}}}$

k)  $\frac{36}{48} = \frac{3}{\boxed{\phantom{00}}}$

l)  $\frac{15}{81} = \frac{\boxed{\phantom{00}}}{27}$

m)  $\frac{8}{\boxed{\phantom{00}}} = \frac{64}{1000}$

n)  $\frac{3}{\boxed{\phantom{00}}} = \frac{60}{100}$

o)  $\frac{240}{\boxed{\phantom{00}}} = \frac{12}{50}$

p)  $\frac{4}{8} = \frac{\boxed{\phantom{00}}}{100}$

q)  $\frac{9}{\boxed{\phantom{00}}} = \frac{72}{1000}$

r)  $\frac{15}{25} = \frac{\boxed{\phantom{00}}}{1000}$

3) Write the following fractions in the simplest form.

a)  $\frac{36}{42} =$

b)  $\frac{16}{56} =$

c)  $7 \frac{12}{36} =$

d)  $\frac{69}{102} =$

e)  $\frac{27}{63} =$

f)  $8 \frac{25}{90} =$

4) Here are four number cards

6

12

9

8

Use each card once to make the following statement true.

$$\frac{\square}{\square} = \frac{\square}{\square}$$