المدرسة الوطنية الأرثوذكسية الشميساني

The National Orthodox School Shmaisani

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

Name: _____ **Subject:** Math

Date: / / **Class:** Grade 4 CP (C, D, E,F&G)

Worksheet (4)

Objectives: Change improper fractions into mixed numbers.
Change mixed numbers into improper fractions.
Write the fractions in the simplest form.
Add and subtract fractions.

1) Write the following as a mixed number and simplify your answer when needed.

a) $\frac{47}{8}$ =

b) $\frac{29}{6}$ =

c) $\frac{23}{5}$ =

d) $\frac{15}{10}$ =

e) $\frac{9}{4}$ =

f) $\frac{18}{8}$ =

g) $\frac{43}{4}$ =

h) $\frac{56}{6}$ =

i) $\frac{75}{9}$ =

j) $\frac{50}{7}$ =

2) Write the following as improper fractions.

a) $3\frac{6}{9}$ =

b) $4\frac{3}{8}$ =

c) $10\frac{5}{7}$ =

d) $11\frac{4}{11}$ =

e) $5\frac{4}{6}$ =

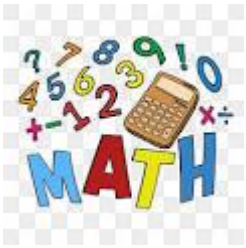
f) $6\frac{2}{10}$ =

g) $9\frac{5}{8}$ =

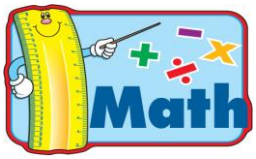
h) $20\frac{7}{10}$ =

i) $5\frac{2}{9}$ =

j) $3\frac{1}{40}$ =



3) Find the total of the following fractions and simplify your answer when possible.



1) $\frac{1}{4} + \frac{5}{8} =$

2) $\frac{9}{16} + \frac{3}{8} =$

3) $1\frac{2}{5} + 2\frac{7}{15} =$

4) $2\frac{6}{21} + \frac{3}{7} =$

5) $\frac{8}{81} + \frac{1}{9} =$

6) $\frac{3}{10} + \frac{25}{70} =$

7) $2\frac{2}{3} + 3\frac{1}{4} =$

8) $1\frac{1}{2} + 2\frac{3}{7} =$

4) Find the difference between the following fractions and simplify your answer when possible.

1) $\frac{1}{2} - \frac{1}{10} =$

2) $\frac{4}{6} - \frac{14}{36} =$

3) $4\frac{5}{12} - 1\frac{1}{6} =$

4) $5\frac{3}{9} - 2\frac{3}{45} =$

5) $\frac{3}{4} - \frac{50}{100} =$

6) $\frac{6}{7} - \frac{30}{42} =$

7) $2\frac{4}{5} - 1\frac{2}{3} =$

8) $4\frac{6}{7} - 2\frac{4}{35} =$

5) Answer the following questions.

a) Adam bought $3\frac{1}{2}$ gallons of paint for his room. He used $1\frac{2}{8}$ gallons. How much paint is left?

b) For a recipe, Elaina needs $\frac{2}{3}$ cup of white flour and $3\frac{2}{8}$ cup of wheat flour. How much flour does she need for the recipe in total from both kinds?

c) Linzy and Conny decide to walk on the track. Linzy walks $2\frac{2}{3}$ miles. Conny walks $1\frac{1}{6}$ **less** than Linzy.

i) How many miles does Conny walk?

ii) What is the total distance they both walked?

d) Aunt Linda planted rosemary in $\frac{2}{9}$ of her garden. She planted mint in $\frac{10}{36}$ from her garden, and she planted the rest of her garden with Basil.

i) What fraction of the garden is planted with rosemary and mint together?

ii) What fraction of the garden is planted with Basil?