



المدرسة  
الوطنية الأرثوذكسية  
الشميساني

The National  
Orthodox School  
Shmaisani

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

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

Subject: Math

Date: / 2 / 202 3

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

Revision (2)

**Objectives:** Change improper fractions to mixed numbers and vice versa  
Compare and order fractions  
Find fraction and percentage of quantities.  
Express fractions as percentage.

1) Write the following as mixed numbers in the simplest form.

a)  $\frac{38}{6} =$

b)  $\frac{29}{5} =$

c)  $\frac{34}{4} =$

d)  $\frac{52}{8} =$

e)  $\frac{73}{7} =$

f)  $\frac{57}{9} =$

2) Write the following as improper fractions.

a)  $3 \frac{5}{9} =$

b)  $5 \frac{3}{8} =$

c)  $9 \frac{5}{9} =$

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



3) Use the cards to make the following statement correct.

(You can use the card more than once)

3

4

12

16

All Possible answers:

a)  $\frac{1}{\boxed{\phantom{000}}}$  Of  $\boxed{\phantom{000}}$  is  $\boxed{\phantom{000}}$

b)  $\frac{1}{\boxed{\phantom{000}}}$  Of  $\boxed{\phantom{000}}$  is  $\boxed{\phantom{000}}$

c)  $\frac{1}{\boxed{\phantom{000}}}$  Of  $\boxed{\phantom{000}}$  is  $\boxed{\phantom{000}}$

4) Complete the following statements:

a)  $50\% = \frac{\boxed{\phantom{00}}}{100} = \frac{5}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{00}}}{2}$

b)  $\underline{\hspace{2cm}}\% = \frac{20}{100} = \frac{\boxed{\phantom{00}}}{10} = \frac{1}{\boxed{\phantom{00}}}$

c)  $25\% = \frac{25}{\boxed{\phantom{00}}} = \frac{\boxed{\phantom{00}}}{4}$

5) Find the following showing your work:

a)  $\frac{5}{8}$  of 64 =

b)  $\frac{2}{9}$  of 36 =

c)  $\frac{6}{9}$  of 54 =

d)  $\frac{7}{10}$  of 60 =

e)  $\frac{4}{7}$  of 63 =

f)  $\frac{5}{15}$  of 30 =

g) 25% of 80 =

h) 50% of 482 =

i) 20 % of 30 =

j) 100% of 305=

k) 40 % of 800=

l) 35% of 700 =

$$m) 3 \frac{6}{9} + 1 \frac{2}{5} =$$

$$n) 4 \frac{10}{12} - 1 \frac{2}{3}$$

6) Use > or < or = to make the following statements true:

a) 15% Of 300   $\frac{1}{2}$  of 100

b) 20% Of 180   $\frac{3}{4}$  of 36

c)  $\frac{4}{5}$  Of 45   $\frac{4}{7}$  of 63

d)  $\frac{7}{5}$    $1 \frac{1}{2}$

e)  $\frac{13}{2}$    $\frac{19}{7}$

f)  $6\frac{3}{9}$    $6\frac{1}{3}$

7) Order starting with the smallest:

a)  $\frac{1}{2}$        $\frac{35}{100}$       80%       $\frac{3}{4}$

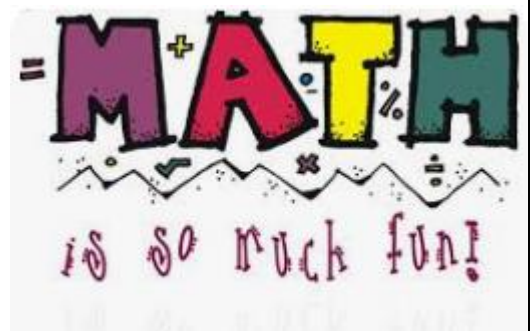
Smallest:

b)  $\frac{5}{10}$        $2\frac{3}{6}$        $\frac{3}{9}$        $\frac{16}{9}$        $\frac{13}{13}$

Smallest:

c)  $4\frac{5}{10}$        $\frac{7}{12}$        $\frac{8}{16}$        $\frac{45}{9}$        $\frac{3}{8}$

Smallest:



8) Solve the following:

a) In an ice-cream survey, 40 children choose their favorite ice cream. **One quarter of the children** choose chocolate ice-cream, **two fifths of the children** choose vanilla ice-cream, and the rest choose strawberry ice-cream.

i) How many children choose **chocolate ice-cream**?

ii) What percentage choose **chocolate ice-cream**?

iii) How many children choose **Vanilla ice-cream**?

iv) What percentage choose **Vanilla ice-cream**?

v) How many children choose **Strawberry ice-cream**? And What fraction is that?

b) There are 36 pupils in Justin’s class.  
**one sixth of the pupils** went to the museum,  
**25% of the pupils** went to the zoo,  
**50% of the pupils** went to the Theme Park.  
 The rest **didn’t go** on the trip?  
 How many pupils didn’t go on the trip?



Went to Museum	Went to Zoo	Went to Theme Park	Didn’t Go

c) In a class, 88% of the children **don’t wear** glasses.

i) What percentage of the students wear glasses?



ii) What fraction of the students wear glasses?

**(in the simplest form)**



d) The penguin nursery takes two breaks every day, first break for  $\frac{2}{3}$  hour at noon and  $\frac{5}{12}$  hour in the afternoon. How long does the penguin nursery take break in total every day?



e) Jack spent **three quarters** of an hour biking and  $\frac{5}{6}$  of an hour jogging. Afterwards, he swam for  $\frac{1}{8}$  of an hour.

i) How much time did Jack exercise before he went swimming?

i) Which sport took him the longest time to finish?  
( Show your work )

