

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

Name: \_ <

Subject: Math

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

Revision (2)

Objectives: Change imposer 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) 
$$\frac{38}{6} = 62 = 6\frac{1}{3}$$

b) 
$$\frac{29}{5} = 5 \frac{4}{5}$$

c) 
$$\frac{34}{4} = 8 \frac{2}{4} = 8 \frac{1}{2}$$

d) 
$$\frac{52}{8} = 6\frac{4}{8}$$
  
=  $6\frac{1}{2}$ 

(e) 
$$\frac{73}{7} = 10 \frac{3}{7}$$

f) 
$$\frac{57}{9} = 63 = 64$$

2) Write the following as improper fractions.

$$\frac{3}{3} = \frac{32}{9}$$

b) 
$$5\frac{3}{8} = \frac{43}{8}$$

c) 
$$9 - \frac{5}{9} = \frac{86}{9}$$

d) 
$$6\frac{4}{5} = \frac{34}{5}$$













Use the cards to make the following statement correct.

(You can use the card more than once)

All Possible answers:



b)

Of





Of





4) Complete the following statements:

a) 
$$50\% = \frac{50}{100} = \frac{5}{100} = \frac{1}{2}$$

$$20\% = 20\% = 20\% = 20\% = 100\%$$

$$\frac{1}{5} = \frac{20}{100} = \frac{20}{3}$$

c) 
$$25\% = \frac{25 \div 3}{4} = \frac{1}{4}$$

5) Find the following showing your work:

a) 
$$\frac{5}{8}$$
 ×  $\frac{8}{4}$  = 40

c) 
$$\frac{6}{4}$$
 of  $54 = 36$ 

d) 
$$\frac{7}{10}$$
 of  $60 = 42$ 

e) 
$$\frac{4}{7}$$
 of  $63 = 36$ 

f) 
$$\frac{5}{15}$$
 of  $\frac{2}{5}$  = 10

g) 25% of 80 = 
$$\frac{25}{100} \times 80 = 0$$
  $\frac{1}{4} \times 80 = \frac{80}{4}$  = 20

i) 20 % of 30 = 
$$2\% \times 3\% = 2X$$

$$\frac{2\cancel{6} \times 3\cancel{6}}{10\cancel{7}} = 2\times 3$$

1) 35% of 700 = 
$$\frac{35}{100} \times 700 = 245$$

3

m) 3 
$$\frac{615}{915}$$
 + 1  $\frac{219}{519}$  =  $\frac{48}{45}$  |  $\frac{3}{45}$  | n) 4  $\frac{10}{12}$  - 1  $\frac{21}{319}$ 

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

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

b) 20% Of 180 
$$> \frac{3}{4}$$
 of 36  
 $\frac{26}{199} \times 189$   $3\times 9$   
 $3\times 9$   

c) 
$$\frac{4}{5}$$
 Of  $\frac{4}{5}$   $\frac{4}{7}$  of  $\frac{63}{53}$   $\frac{4}{7}$  of  $\frac{63}{36}$   $\frac{4}{36}$ 

$$\begin{array}{c|c}
d) \frac{7}{5} & \leq 1\frac{1}{2} \\
1\frac{2}{5} & 1\frac{1}{2} \\
ess & \\
ess & \\
\end{array}$$

mate both mited #2's

thou compare

19

f) 
$$6 \frac{3}{93} = 6 \frac{1}{3}$$

7) Order starting with the smallest:

Smallest:

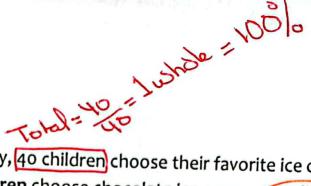
$$\frac{8}{16} = \frac{1}{2}$$

Smallest:

$$\frac{3}{6}$$
,



8) Solve the following:

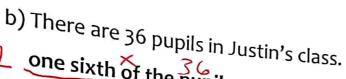


In an ice-cream survey, 40 children choose their favorite ice cream. One quarter of the children choose chocolate ice-cream, two fifths of the children choose vanilla ice-cream, and the rest choose strawberry ice-cream.

What percentage choose chocolate ice-cream?

iv) What percentage choose Vanilla ice-cream?

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

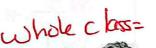


one sixth of the pupils went to the museum, 25% of the pupils went to the zoo, 50% of the pupils went to the Theme Park. The rest didn't go on the trip? How many pupils didn't go on the trip?



Went to Museum	Went to Zoo	Went to Theme Park	Didn't Go
$\frac{1}{6} \times 36 = \frac{36}{6}$	25% of 36 4 x 36 = 36 4 r 9	50% of 36 $1 \times 36 = 2$ $\frac{36}{2} = 18$	6+9+18=33

c) In a class,88% of the children don't wear glasses. Whole class-



What percentage of the students wear glasses? i)

wear 12% + 88%=1046

What fraction of the students wear glasses? ii)

(in the simplest form)



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

the penguin nursery take break in total every day?

$$4 \times \frac{2}{12} + \frac{5}{12} =$$

$$\frac{8}{12} + \frac{5}{12} = \frac{13}{12} = 1 + \frac{1}{12}$$
 hr. the penguin nursery

Take break every day.

- e) Jack spent three quarters of an hour biking and 5 of an hour jogging. Afterwards, he swam for 1 of an hour.
- How much time did Jack exercise before he went swimming?

$$3x\frac{3}{4} + \frac{5x^2}{6x^2} + \frac{9}{12} + \frac{10}{12} = \frac{19}{12} = 17 + \frac{17}{12} + \frac{17}{12} + \frac{19}{12} = \frac{17}{12} + \frac{17}{12} + \frac{19}{12} = \frac{17}{12} + \frac{17}{12$$

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

$$\frac{9}{12} \frac{3 \times 3}{3 \times 4}$$
  $\frac{5 \times 2}{6 \times 2} \frac{10}{12} \frac{1}{8}$ 

Jogging took him the Longest Time