

The Primary Stage of Grades (4-5)

Second Semester 2022 - 2023

Name: _____

Subject: Mathematics

Date: / /

Revision Worksheet (2)

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

Objectives

To review all taken concepts about fractions.

1) Fill in the missing numbers to make the following statements true (show your work).

a) $\frac{5}{9} = \frac{35}{\boxed{}}$

b) $\frac{7}{10} = \frac{\boxed{}}{110}$

c) $\frac{8}{17} = \frac{32}{\boxed{}}$

d) $\frac{24}{36} = \frac{\boxed{}}{6}$

e) $\frac{12}{20} = \frac{48}{\boxed{}}$

f) $\frac{75}{100} = \frac{\boxed{}}{4}$

2) Find the answer for each number sentence below in the simplest form:

a) $4\frac{3}{7} + 5\frac{1}{4} =$

b) $8\frac{4}{9} - 2\frac{1}{3} =$

c) $2\frac{3}{8} + \frac{25}{3} =$

d) 60 % of 250 =

e) $\frac{3}{8}$ of 64 =

f) 14 % of 75 =

3) Change the following improper fractions into mixed numbers :

a) $\frac{79}{6} =$

b) $\frac{37}{9} =$

c) $\frac{93}{7} =$

d) $\frac{113}{4} =$

4) Change the following mixed numbers into improper fractions:

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

b) $11\frac{3}{4} =$

c) $3\frac{9}{25} =$

d) $8\frac{5}{7} =$

5) Write $<$, $>$ or $=$ to make statements true :

a) $\frac{3}{7}$ $\frac{11}{4}$

b) $\frac{10}{21}$ $\frac{5}{7}$

c) $\frac{12}{5}$ $\frac{12}{9}$

d) $\frac{23}{7}$ $3\frac{2}{9}$

e) 4% $\frac{8}{20}$

f) 0.6 9%

6) Write the following fractions in the simplest form.

a) $\frac{32}{80} =$

b) $\frac{35}{63} =$

c) $5\frac{9}{21} =$

d) $\frac{49}{8} =$

7) Order the following fractions starting with the smallest :

a) $\frac{1}{4}$, $\frac{7}{12}$, $\frac{4}{8}$, $\frac{1}{3}$

< < <

b) $\frac{11}{25}$, 0.09 , 60 % , $\frac{3}{4}$

< < <

8) Complete the following table :

Fraction	Decimal	Percentage
$\frac{7}{20}$		
	0.65	
		15 %
$\frac{5}{8}$		
		4 %
	0.09	

9) Steven says, "I would rather have $\frac{5}{9}$ of \$72 than $\frac{4}{6}$ of \$ 66

because I will get more to spend." Is he correct?

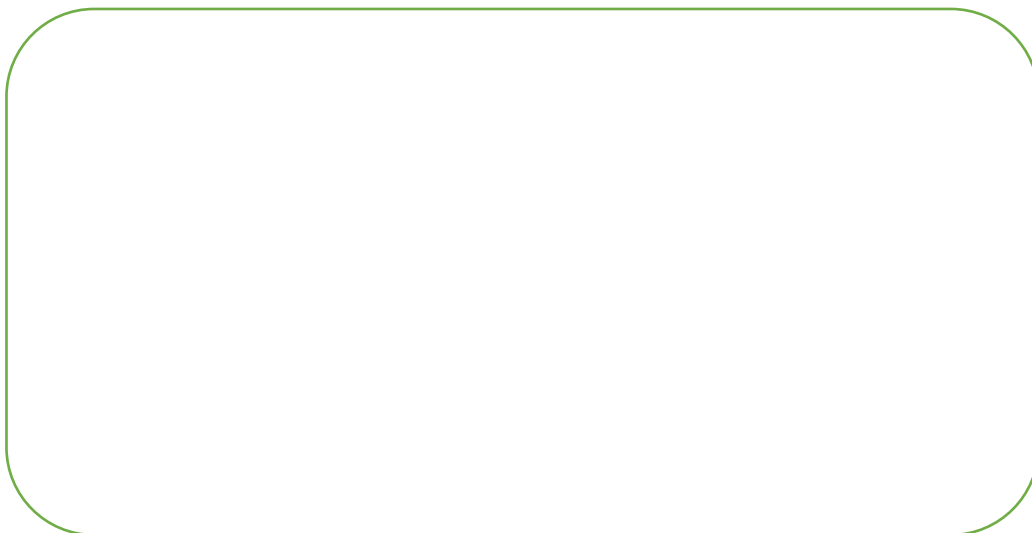
(Please explain your answer)



10) In 2 days of working, Jacob earned \$15 on Monday from selling recyclable bottles and \$27 from recyclable cans on Tuesday.

He put $\frac{5}{6}$ of his earnings in his piggy bank and used the rest to buy a shirt.

How much money did he save?

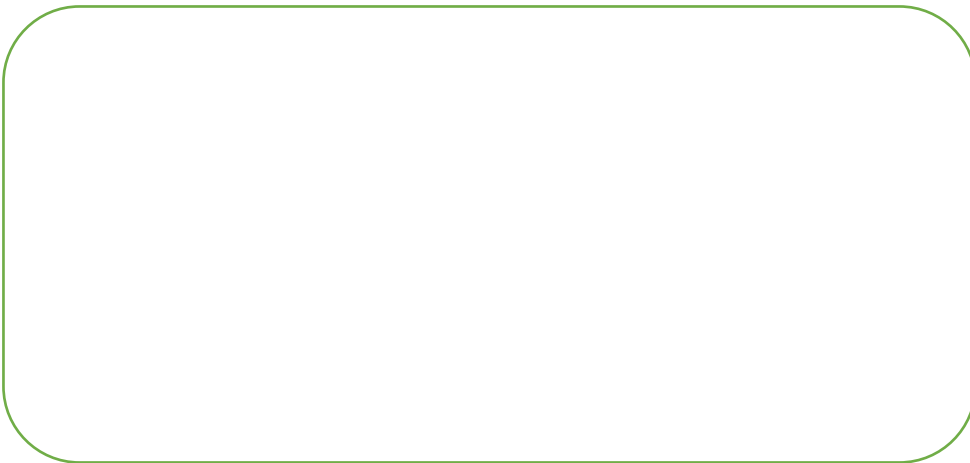


11) Dana has 75 sweets in a bag. She keeps $\frac{2}{5}$ of them for herself and 20 % of them to her sister and shares the rest with her friends.

a) How many sweets will she give to her friends?

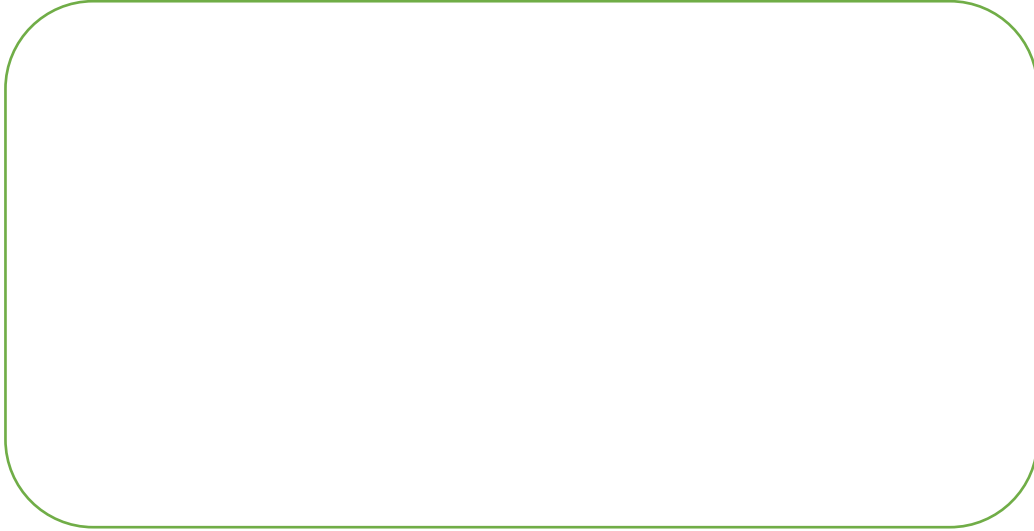


b) How many sweets will she give to her sister ?



12) $\frac{3}{5}$ of the students in my class have dark hair.

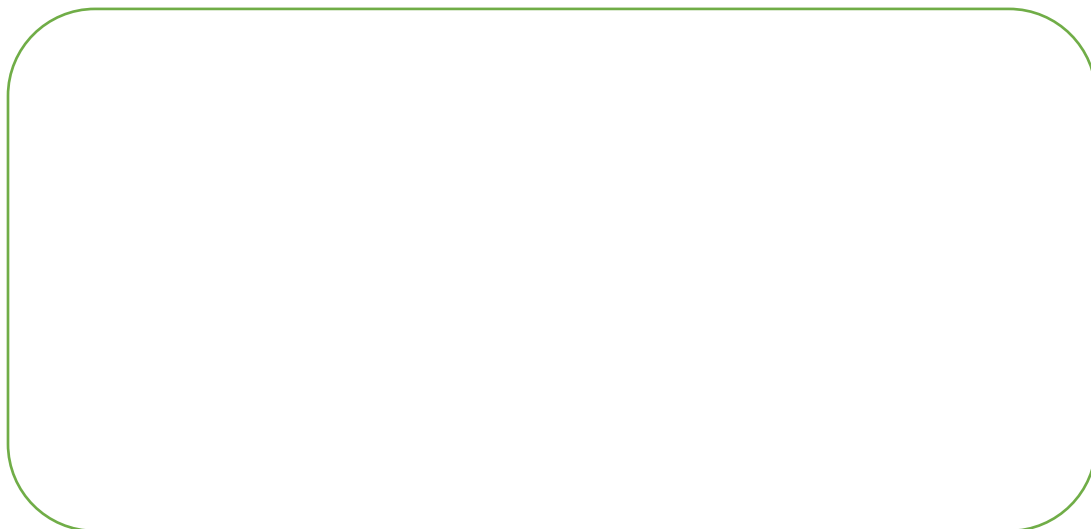
What percentage does not have dark hair?



13) For the school's sports day, a group of students prepared $12\frac{1}{2}$ liters of lemonade.

At the end of the day they had $2\frac{3}{8}$ liters left over.

How many liters of lemonade were sold?



14) Pam bought a new laundry machine for \$1500 and a dryer for \$850.

She got a 20% on the total.

How much did she have to pay?



15) The food I had in a restaurant totaled 150\$.

I also had to pay a 5% service charge.

What was the total amount of money I had to pay?

