

مراجعة
فبراير

الترم
الثاني

المُعْتَد

محمود الخولي

5

الصف الخامس الابتدائي

MATH

YOU MUST ADD VALUE.

ملحق
الإجابات

نسخة
مجانية

Question 1 : Choose the correct answer :

- 1 Which the following is equivalent to $\frac{5}{6}$
 - a $\frac{20}{24}$
 - b $\frac{2}{3}$
 - c $\frac{5}{10}$
 - d $\frac{8}{10}$
- 2 L.c.m $\frac{3}{6}$ and $\frac{4}{7}$ is
 - a 32
 - b 49
 - c 56
 - d 64
- 3 $\frac{2}{5} + \frac{3}{4} = \dots\dots$
 - a $2\frac{3}{20}$
 - b $1\frac{3}{20}$
 - c $2\frac{35}{20}$
 - d $1\frac{5}{20}$
- 4 $6 - \frac{3}{4} - 2\frac{1}{2} = \dots\dots$
 - a $\frac{15}{4}$
 - b $\frac{25}{4}$
 - c $\frac{21}{4}$
 - d $\frac{23}{4}$
- 5 $2\frac{3}{5}$ can be regrouped
 - a $1\frac{8}{5}$
 - b $3\frac{4}{5}$
 - c $1\frac{1}{7}$
 - d $1\frac{7}{6}$
- 6 $x + 3\frac{2}{5} = 5\frac{5}{6}$ then $x = \dots\dots$
 - a $2\frac{13}{30}$
 - b $7\frac{5}{10}$
 - c $6\frac{10}{30}$
 - d $2\frac{15}{30}$
- 7 60 months = years
 - a 3
 - b 1
 - c 5
 - d 2
- 8 $1\frac{1}{3}$ hours = Minutes
 - a 60
 - b 70
 - c 80
 - d 90
- 9 150 minutes = seconds
 - a $1\frac{1}{2}$
 - b $1\frac{1}{24}$
 - c $2\frac{1}{2}$
 - d $2\frac{1}{4}$

Question 2 : Answer the following :

- 1 Sara bought a kilo of tomato $1\frac{1}{2}$ kg strawberry
How much fruits did she buy ?
- 2 Nada travels to Tokyo taking $3\frac{1}{2}$ hours and take arrest for 20 minutes .what is the total time in seconds ?
- 3 Ahmed used $\frac{1}{3}$ kilo from the $2\frac{1}{2}$ kilo bought for juice ? how much kg he left ?
- 4 What is this figure represent ?
$$\frac{3}{6} + \frac{1}{4} = \frac{12}{24} + \frac{6}{24} = \frac{18}{24}$$
- 5 By steps determine the L.C.M
$$\frac{5}{4} \text{ AND } \frac{3}{2}$$
- 6 The simplest form $\frac{25}{50} = \frac{5}{a}$, then $a = \dots$
- 7 The smallest like denominator $\frac{5}{3}$ and $\frac{4}{2}$ is

Model (2)

Question 1 : Choose the correct answer :

- 1 $\frac{9}{7} - \dots = \frac{4}{7}$
 (a) $\frac{2}{7}$ (b) $\frac{5}{7}$ (c) $\frac{6}{7}$ (d) $\frac{7}{7}$

2 $\frac{4}{9} + \frac{5}{9} = \dots$

a $\frac{5}{36}$

b $\frac{3}{4}$

c 1

d $\frac{36}{5}$

3 $\frac{8}{9} - \frac{3}{4} = \dots$

a $\frac{1}{9}$

b $\frac{9}{18}$

c $\frac{5}{36}$

d $\frac{20}{81}$

4 $1 - \dots = \frac{5}{8}$

a $\frac{5}{8}$

b $\frac{3}{8}$

c $\frac{6}{8}$

d $\frac{8}{7}$

5 $\frac{3}{6}$ is equivalent to

a $\frac{3}{6} - \frac{1}{6}$

b $\frac{4}{6} - \frac{1}{6}$

c $\frac{5}{6} - \frac{1}{3}$

d $1 - \frac{5}{6}$

6 $2\frac{3}{5} + \dots = 3\frac{1}{4}$

a $\frac{13}{20}$

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

c $1\frac{4}{5}$

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

7 $2\frac{1}{8}$ hours = ... minutes

a 128

b 128

c 126

d 130

8 $4\frac{5}{6} - 2\frac{1}{12} = \dots$

a $2\frac{3}{4}$

b $3\frac{4}{3}$

c $5\frac{5}{4}$

d $2\frac{2}{7}$

9 $\frac{17}{3}$ is equivalent to

a $3\frac{2}{6}$

b $2\frac{3}{5}$

c $5\frac{2}{3}$

d $7\frac{3}{2}$

Question 2 : Answer the following :

1 $X + 5\frac{1}{2} = 7\frac{3}{4}$ then $x = \dots$

2 Mazen bought $6\frac{7}{8}$ kilograms of apples. He used $2\frac{2}{3}$ kilograms of apples to make juice

3 $1 - \frac{1}{5} - \frac{2}{3} =$

4 $\frac{2}{4} \text{ year} = \dots \dots \dots \text{months}$

5 Kareem Mixed juice for a festival. He made $5\frac{4}{3}$ litres of fruit juice Concentrate with $1\frac{1}{2}$ liter more water than fruit juice concentrate. He needs 142 of mixture for festival. Does he have enough? Why or why not?

6 $4\frac{7}{10} + 3\frac{2}{5} = \dots$

7 Youssef reads a book; He can usually read $5\frac{1}{2}$ pages in 60 minutes. if he plans to read for 135 minutes How many pages will he read ?

Model (3)

Question 1 : Choose the correct answer :

1 The L.C.M of denominators of $\frac{3}{6}$ and $\frac{2}{5}$ is

a 15

b 6

c 30

d 10

2 $\frac{9}{36} \dots \frac{1}{4}$

a >

b <

c =

d ≤

3 Which of the following is not equivalent to $\frac{5}{10}$?

a $\frac{1}{2}$

b $\frac{15}{20}$

c $\frac{15}{30}$

d $\frac{25}{50}$

4 $\frac{4}{7} - \frac{4}{14} = \dots$

a $\frac{2}{7}$

b $\frac{1}{7}$

c $\frac{2}{14}$

d $\frac{12}{14}$

- 5 The mixed number $8\frac{2}{3}$ by regrouping is
- a $6\frac{3}{4}$ b $12\frac{2}{2}$ c $3\frac{7}{5}$ d $7\frac{6}{3}$
- 6 If $L - 2\frac{5}{7} = 3\frac{3}{7}$ then $L = \dots\dots\dots$
- a $2\frac{8}{7}$ b $5\frac{2}{7}$ c $1\frac{2}{7}$ d $6\frac{1}{7}$
- 7 $2 - \frac{4}{6} = \dots$
- a $\frac{2}{6}$ b $1\frac{1}{3}$ c $2\frac{1}{3}$ d $1\frac{4}{6}$
- 8 135 MINUTES = HOURS minutes.
- a 2,35 b 1,15 c 2,15 d 3,15
- 9 $1\frac{1}{2}$ day = Hours
- a 30 b 48 c 45 d 36

Question 2 : Answer the following :

- 1 Marine run for $\frac{3}{4}$ hours and walke for $\frac{1}{2}$ hours every week.
How many hours did Marine run and walk in all
- 2 Rana bought $8\frac{2}{7}$ kg of orange. She gave her friend $4\frac{3}{5}$ kg of them. How many kilograms are left with Rana?
- 3 Amr drink $2\frac{1}{5}$ Liter of water every day, what is the total amount of water did Amr drank in a week.
- 4 writ two different multiplication expressions that have the same product $6 \times \frac{2}{3}$
- 5 Nada traveled to Cairo in $1\frac{3}{4}$ hours, then she traved to Alex, in $2\frac{1}{5}$. then she bake to Esmailia in $3\frac{3}{8}$. How long did she to go and back in her? travel?

- 6 Sara has $1\frac{3}{4}$ kg of flour, she used $\frac{7}{9}$ kg of it . what is the rest with her?
- 7 Ahmed make $6\frac{1}{4}$ Liters of fruit juice with $2\frac{3}{4}$ L more water than fruit juice Concentrate need 12L of the mixture for aparty. Does he have enough? why or why not?

Model (4)

Question 1 : Choose the correct answer :

- 1 The L.C.M of denominator of $\frac{1}{3}$ and $\frac{2}{5}$ is
- a 35 b 8 c 16 d 2
- 2 If $\frac{4}{7} + \frac{1}{2} = \frac{x}{27} + \frac{7}{21}$, then x =
- a 4 b 3 c 7 d 12
- 3 $2\frac{25}{40}$ is equivalent to
- a $2\frac{7}{14}$ b $2\frac{10}{40}$ c $2\frac{5}{8}$ d $1\frac{12}{20}$
- 4 $.... + 2\frac{5}{7} = 4\frac{3}{14}$
- a $2\frac{7}{14}$ b $2\frac{13}{17}$ c $1\frac{12}{7}$ d $1\frac{7}{14}$
- 5 $7\frac{1}{10}$ minutes = minutes and Seconds
- a 7,6 b 7,40 c 120,20 d 120.28
- 6 The fraction $2\frac{1}{4}$ by regrouping is
- a $2\frac{5}{4}$ b $\frac{9}{2}$ c $1\frac{5}{4}$ d $\frac{5}{4}$
- 7 If $\frac{11}{7}$ is equivalent to $m\frac{1}{7}$, then m =
- a 4 b 3 c 2 d 1

- 8 $1\frac{1}{8}$ days = hours
- (a) 24 (b) 18 (c) 27 (d) 21
- 9 $7\frac{2}{5} = \frac{n}{10}$, then n =
- (a) 37 (b) 72 (c) 39 (d) 74

Question 2 : Answer the following :

- 1 Nour bought 5 kg of oranges. He use $\frac{2}{3}$ kg as juice , what is the remainder of oranges?
- 2 Sarah walked $\frac{1}{4}$ km and soaad walked $\frac{1}{8}$ km more , what distance that soaad walked?
- 3 Use a number line to find the difference
 $7\frac{2}{3} - 5\frac{1}{4} = \dots$
- 4 Gina walked $1\frac{1}{2}$ km and amany walked $2\frac{3}{5}$ km more than gina . how many km did amany walk?
- 5 Seif studied math for $1\frac{1}{3}$ hour and English for 40 minutes. How many hours did seif study in all?
- 6 Find the value of n
 1- $\frac{1}{3} + n = \frac{5}{6}$
 2- $\frac{7}{9} - \frac{n}{7} = \frac{22}{63}$
- 7 Rewrite the given two mixed numbers with like denimaintal
 1- $1\frac{2}{5}$ and $3\frac{28}{35}$
 2- $2\frac{3}{4}$ and $2\frac{8}{30}$

Model (5)

Question 1 : Choose the correct answer :

- 1 The fraction $\frac{2}{5}$ is equivalent to
 - a $\frac{4}{15}$
 - b $\frac{6}{10}$
 - c $\frac{8}{20}$
 - d $\frac{4}{7}$
- 2 The sum of $\frac{5}{7} + \frac{3}{14} = \dots\dots\dots$
 - a $\frac{2}{7}$
 - b $\frac{13}{14}$
 - c $\frac{8}{21}$
 - d $\frac{8}{14}$
- 3 $6\frac{6}{7} - 2\frac{3}{7} = \dots\dots\dots$
 - a $4\frac{3}{7}$
 - b $3\frac{3}{7}$
 - c $\frac{3}{7}$
 - d $4\frac{2}{7}$
- 4 $\frac{1}{4}$ year = month
 - a 12
 - b 6
 - c 3
 - d 4
- 5 $1\frac{1}{2}$ days = hours
 - a 48
 - b 36
 - c 60
 - d 24
- 6 $3\frac{1}{2} - 1\frac{2}{6} = \dots\dots\dots$
 - a $1\frac{3}{4}$
 - b $2\frac{1}{3}$
 - c $1\frac{2}{3}$
 - d $2\frac{2}{3}$
- 7 Which of the following is equivalent to $3\frac{12}{6}$?
 - a $3\frac{3}{4}$
 - b $\frac{3}{4}$
 - c $3\frac{4}{16}$
 - d $3\frac{2}{3}$
- 8 If $x - 2\frac{4}{9} = 3\frac{3}{9}$ then the value of $x = \dots\dots\dots$
 - a 1
 - b $1\frac{2}{9}$
 - c $5\frac{8}{9}$
 - d $5\frac{4}{9}$
- 9 $2\frac{5}{8} = 2\frac{x}{40}$ then $x = \dots\dots\dots$
 - a 25
 - b 37
 - c 40
 - d 5

Question 2 : Answer the following :

- 1 Omnia purchases $\frac{7}{8}$ kg of fava beark she uses $\frac{3}{4}$ kg of the fava beans to make falafel.
How many kilograms of fava beans are left?
- 2 In the pond $\frac{1}{3}$ of the lilies are white and $\frac{1}{4}$ of the lilies are pink.
How many lities are in the pond all to get her ?
- 3 On Friday Ali walked $\frac{4}{7}$ km. What is remaining distance for Ali to walk 1 km ?
- 4 wael Wael collected $4\frac{1}{4}$ kg of dates he gare $2\frac{3}{5}$ kg to a friend . He wants to know .
how many kg are left ?
- 5 Mohamed studied math for $4\frac{1}{2}$ hours and arabic for 75 minuts
How many hours did he take to study both subjects ?
- 6 Ali collected $5\frac{3}{4}$ kg of honer . He gave his brother $2\frac{3}{7}$ km of then .
How many kg are left ?
- 7 The smallest Like denominators of $\frac{2}{5}$ and is $\frac{3}{6}$

نموذج الإجابة

المُعْتَد

محمود الخولي

5

الصف الخامس الابتدائي

MATH

YOU MUST ADD VALUE.

Question 1 : Choose the correct answer :

- 1 Which the following is equivalent to $\frac{5}{6}$
 - a $\frac{20}{24}$
 - b $\frac{2}{3}$
 - c $\frac{5}{10}$
 - d $\frac{8}{10}$
- 2 L.c.m $\frac{3}{6}$ and $\frac{4}{7}$ is
 - a 32
 - b 49
 - c 56
 - d 64
- 3 $\frac{2}{5} + \frac{3}{4} = \dots\dots$
 - a $2\frac{3}{20}$
 - b $1\frac{3}{20}$
 - c $2\frac{35}{20}$
 - d $1\frac{5}{20}$
- 4 $6 - \frac{3}{4} - 2\frac{1}{2} = \dots\dots$
 - a $\frac{15}{4}$
 - b $\frac{25}{4}$
 - c $\frac{21}{4}$
 - d $\frac{23}{4}$
- 5 $2\frac{3}{5}$ can be regrouped
 - a $1\frac{8}{5}$
 - b $3\frac{4}{5}$
 - c $1\frac{1}{7}$
 - d $1\frac{7}{6}$
- 6 $x + 3\frac{2}{5} = 5\frac{5}{6}$ then $x = \dots\dots$
 - a $2\frac{13}{30}$
 - b $7\frac{5}{10}$
 - c $6\frac{10}{30}$
 - d $2\frac{15}{30}$
- 7 60 months = years
 - a 3
 - b 1
 - c 5
 - d 2
- 8 $1\frac{1}{3}$ hours = Minutes
 - a 60
 - b 70
 - c 80
 - d 90
- 9 150 minutes = seconds
 - a $1\frac{1}{2}$
 - b $1\frac{1}{24}$
 - c $2\frac{1}{2}$
 - d $2\frac{1}{4}$

Question 2 : Answer the following :

- 1 Sara bought a kilo of tomato $1\frac{1}{2}$ kg strawberry
How much fruits did she buy ?

$$1 + 1\frac{1}{2} = 2\frac{1}{2} \text{ kg}$$

- 2 Nada travels to Tokyo taking $3\frac{1}{2}$ hours and take arrest for 20 minutes .what is the total time in seconds ?

$$1 \text{ hour} = 60 \text{ minutes}$$

$$3\frac{1}{2} = 210 \text{ minutes} , \text{ Time in minutes} = 210 + 20 = 230 \text{ minutes}$$

$$\text{Time in seconds} = 230 \times 60 = 13800 \text{ sec}$$

- 3 Ahmed used $\frac{1}{3}$ kilo from the $2\frac{1}{2}$ kilo bought for juice ? how much kg he left ?

$$2\frac{1}{2} - \frac{1}{3} = 2\frac{1}{6} \text{ kilo}$$



What is this figure represent :

$$\frac{3}{6} + \frac{1}{4} = \frac{12}{24} + \frac{6}{24} = \frac{18}{24} = \frac{9}{12}$$

- 5 By steps determine the L.C.M

$$4 = 2 \times 2$$

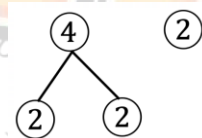
$$2 = 2$$

$$L.C.M = 2 \times 2 = 4$$

$$\frac{5}{4}$$

AND

$$\frac{3}{2}$$



- 6 The simplest form $\frac{25}{50} = \frac{5}{a}$, then a = ...

$$\frac{25}{50} = \frac{15}{10} , a = 10$$

- 7 The smallest like denominator $\frac{5}{3}$ and $\frac{4}{2}$ is

$$3 \times 2 = 6$$

Model (2)

Question 1 : Choose the correct answer :

- 1 $\frac{9}{7} - \dots = \frac{4}{7}$
 - a $\frac{2}{7}$
 - b $\frac{5}{7}$
 - c $\frac{6}{7}$
 - d $\frac{7}{7}$
- 2 $\frac{4}{9} + \frac{5}{9} = \dots$
 - a $\frac{5}{36}$
 - b $\frac{3}{4}$
 - c 1
 - d $\frac{36}{5}$
- 3 $\frac{8}{9} - \frac{3}{4} = \dots$
 - a $\frac{1}{9}$
 - b $\frac{9}{18}$
 - c $\frac{5}{36}$
 - d $\frac{20}{81}$
- 4 $1 - \dots = \frac{5}{8}$
 - a $\frac{5}{8}$
 - b $\frac{3}{8}$
 - c $\frac{6}{8}$
 - d $\frac{8}{7}$
- 5 $\frac{3}{6}$ is equivalent to
 - a $\frac{3}{6} - \frac{1}{6}$
 - b $\frac{4}{6} - \frac{1}{6}$
 - c $\frac{5}{6} - \frac{1}{3}$
 - d $1 - \frac{5}{6}$
- 6 $2\frac{3}{5} + \dots = 3\frac{1}{4}$
 - a $\frac{13}{20}$
 - b $1\frac{1}{4}$
 - c $1\frac{4}{5}$
 - d $1\frac{2}{5}$
- 7 $2\frac{1}{8}$ hours = ... minutes
 - a 128
 - b 128
 - c 126
 - d 130
- 8 $4\frac{5}{6} - 2\frac{1}{12} = \dots$
 - a $2\frac{3}{4}$
 - b $3\frac{4}{3}$
 - c $5\frac{5}{4}$
 - d $2\frac{2}{7}$
- 9 $\frac{17}{3}$ is equivalent to
 - a $3\frac{2}{6}$
 - b $2\frac{3}{5}$
 - c $5\frac{2}{3}$
 - d $7\frac{3}{2}$

Question 2 : Answer the following :

① $X + 5\frac{1}{2} = 7\frac{3}{4}$ then $x = \dots\dots$

$$7\frac{3}{4} = \frac{31}{4}, \quad 5\frac{1}{2} = \frac{22}{4}$$

$$X = \frac{31}{4} - \frac{22}{4} = \frac{9}{4}, \quad X = 2\frac{1}{4}$$

② Mazen bought $6\frac{7}{8}$ kilograms of apples. He used $2\frac{2}{3}$ kilograms of apples to make juice

$$6\frac{7}{8} = \frac{55}{8}, \quad 2\frac{2}{3} = \frac{8}{3}, \quad L.C.M = 24$$

$$\frac{55}{8} = \frac{165}{24}, \quad \frac{8}{3} = \frac{64}{24}, \quad \frac{165}{24} - \frac{64}{24} = \frac{101}{24} = 4\frac{5}{24} \text{ kg}$$

③ $1 - \frac{1}{5} - \frac{2}{3} =$

$$\frac{1}{5} = \frac{3}{15}, \quad \frac{2}{3} = \frac{10}{15}, \quad \frac{15}{15} - \frac{3}{15} - \frac{10}{15} = \frac{15 - 3 - 10}{15} = \frac{2}{15}$$

④ $\frac{2}{4} \text{ year} = \dots\dots\dots \text{months}$

6

⑤ Kareem Mixed juice for a festival. He made $5\frac{4}{3}$ litres of fruit juice Concentrate with $1\frac{1}{2}$ liter more water than fruit juice concentrate. He needs 142 of mixture for festival. Does he have enough? Why or why not?

$$5\frac{4}{3} = \frac{15}{3} + \frac{4}{3} = \frac{19}{3} \text{ Litre}$$

$$1\frac{1}{2} = \frac{3}{2} \text{ L}, \quad \frac{19}{3} + \frac{3}{2} =$$

$$\frac{19}{3} = \frac{38}{6}, \quad \frac{3}{2} = \frac{9}{6}$$

$$\frac{38}{6} + \frac{9}{6} = \frac{47}{6} \text{ L}$$

$$\frac{19}{3} + \frac{47}{6} = \frac{38}{6} + \frac{47}{6} =$$

$$\frac{85}{6} = 14.17 \text{ Litres}$$

yes kareem has enough, which is more than 14 Litres.

6 $4\frac{7}{10} + 3\frac{2}{5} = \dots$

$$4\frac{7}{10} + 3\frac{2}{5} = 4\frac{7}{10} + \frac{3}{10} + 3\frac{3}{5} - \frac{3}{10}$$

$$= 5 + 3 + \frac{4}{10} - \frac{3}{10} = 8\frac{1}{10}$$

7 Youssef reads a book; He can usually read $5\frac{1}{2}$ pages in 60 minutes. if he plans to read for 135 minutes How many pages will he read ?

60 min = 1 hr. 135 min = 2 hr and 15 min .

He reads $5\frac{1}{2}$ pages in 1 hr .and (2 hr and 15 min) = $2\frac{1}{4}$ hr , then no

of pages = $5\frac{1}{2} \times 2\frac{1}{4} = \frac{11}{2} \times \frac{9}{4} = \frac{99}{8} = 12\frac{3}{8}$ pages.

Model (3)

Question 1 : Choose the correct answer :

1 The L.C.M of denominators of $\frac{3}{6}$ and $\frac{2}{5}$ is

a 15

b 6

c 30

d 10

2 $\frac{9}{36} \dots \frac{1}{4}$

a >

b <

c =

d ≤

3 Which of the following is not equivalent to $\frac{5}{10}$?

a $\frac{1}{2}$

b $\frac{15}{20}$

c $\frac{15}{30}$

d $\frac{25}{50}$

4 $\frac{4}{7} - \frac{14}{14} = \dots$

a $\frac{2}{7}$

b $\frac{1}{7}$

c $\frac{2}{14}$

d $\frac{12}{14}$

5 The mixed number $8\frac{2}{3}$ by regrouping is

a $6\frac{3}{4}$

b $12\frac{2}{2}$

c $3\frac{7}{5}$

d $7\frac{6}{3}$

6 If $L - 2\frac{5}{7} = 3\frac{3}{7}$ then L=.....

a $2\frac{8}{7}$

b $5\frac{2}{7}$

c $1\frac{2}{7}$

d $6\frac{1}{7}$

7 $2 - \frac{4}{6} = \dots$

a $\frac{2}{6}$

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

c $2\frac{1}{3}$

d $1\frac{4}{6}$

8 135 MINUTES = HOURSminutes.

a 2,35

b 1,15

c 2,15

d 3,15

9 $1\frac{1}{2}$ day = Hours

a 30

b 48

c 45

d 36

Question 2 : Answer the following :

1 Marine run for $\frac{3}{4}$ hours and walke for $\frac{1}{2}$. hours every week.

How many hours did Marine run and walk in all

mariem ram $60 \times \frac{3}{4} = \frac{180}{4} = 45$ mans

and walked $60 \times \frac{1}{2} = \frac{60}{2} = 30$ minuts

$45 + 30 = 75$

than she run and walke for $= 1\frac{1}{4}$ hours

2 Rana bought $8\frac{2}{7}$ kg of orange. She gave her friend $4\frac{3}{5}$ kg of them. How many kilograms are left with Rana?

$8\frac{2}{7} - 4\frac{3}{5} = 8\frac{10}{35} - 4\frac{21}{35}$

$= 7\frac{45}{35} - 4\frac{21}{35} = 3\frac{24}{35} \text{ kg}$

3 Amr drink $2\frac{1}{5}$ Liter of water every day, what is the total amount of water did Amr drank in a week.

$2\frac{1}{5} \times 7 = (2 \times 7) + \left(\frac{1}{5} \times 7\right)$

$14 + \frac{7}{5} = 14 + 1\frac{1}{5} = 15\frac{1}{5} \text{ L.}$

4 writ two different multiplication expressions that have the same product $6 \times \frac{2}{3}$

a. $3 \times \frac{4}{3}$

b. $\frac{16}{4}$

- 5 Nada traveled to Cairo in $1\frac{3}{4}$ hours, then she traveled to Alex, in $2\frac{1}{5}$. then she traveled to Esmailia in $3\frac{3}{8}$. How long did she to go and back in her? travel?

$$\begin{aligned} & 1\frac{3}{4} + 2\frac{1}{5} + 3\frac{3}{8} \\ &= 1\frac{30}{40} + 2\frac{8}{40} + 3\frac{15}{40} \\ &= 6\frac{53}{40} = 7\frac{15}{40} = 7\frac{3}{8} \text{ hours} \end{aligned}$$

- 6 Sara has $1\frac{3}{4}$ kg of flour, she used $\frac{7}{9}$ kg of it . what is the rest with her?

$$\begin{aligned} 1\frac{3}{4} - \frac{7}{9} &= 1\frac{27}{36} - \frac{28}{36} = \frac{63}{36} = \frac{63}{36} - \frac{28}{36} \\ &= \frac{35}{36} \end{aligned}$$

- 7 Ahmed make $6\frac{1}{4}$ Liters of fruit juice with $2\frac{3}{4}$ L more water than fruit juice Concentrate need 12L of the mixture for a party. Does he have enough? why or why not?

$$\begin{aligned} 6\frac{1}{4} + 2\frac{3}{4} &= 8\frac{4}{4} = 9 \text{ L} \\ 12 - 9 &= 3 \end{aligned}$$

Ahmed does not have enough juice

Model (4)

Question 1 : Choose the correct answer :

- 1 The L.C.M of denominator of $\frac{1}{3}$ and $\frac{2}{5}$ is

a 35 b 8 c 16 d 2

- 2 If $\frac{4}{7} + \frac{1}{2} = \frac{x}{27} + \frac{7}{21}$, then x =

a 4 b 3 c 7 d 12

- 3 $2\frac{25}{40}$ is equivalent to

a $2\frac{7}{14}$ b $2\frac{10}{40}$ c $2\frac{5}{8}$ d $1\frac{12}{20}$

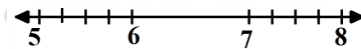
- 4 + $2\frac{5}{7} = 4\frac{3}{14}$

a $2\frac{7}{14}$ b $2\frac{13}{17}$ c $1\frac{12}{7}$ d $1\frac{7}{14}$

- 5 $7\frac{1}{10}$ minutes = minutes and Seconds
 (a) 7,6 (b) 7,40 (c) 120,20 (d) 120.28
- 6 The fraction $2\frac{1}{4}$ by regrouping is
 (a) $2\frac{5}{4}$ (b) $\frac{9}{2}$ (c) $1\frac{5}{4}$ (d) $\frac{5}{4}$
- 7 If $\frac{11}{7}$ is equivalent to $m\frac{1}{7}$, then $m =$
 (a) 4 (b) 3 (c) 2 (d) 1
- 8 $1\frac{1}{8}$ days = hours
 (a) 24 (b) 18 (c) 27 (d) 21
- 9 $7\frac{2}{5} = \frac{n}{10}$, then $n =$
 (a) 37 (b) 72 (c) 39 (d) 74

Question 2 : Answer the following :

- 1 Nour bought 5 kg of oranges. He use $\frac{2}{3}$ kg as juice , what is the remainder of oranges?
 $\frac{5}{7} - \frac{2}{3} = \frac{15}{21} - \frac{14}{21} = \frac{1}{21}$
- 2 Sarah walked $\frac{1}{4}$ km and soaad walked $\frac{1}{8}$ km more , what distance that soaad walked?
 $\frac{1}{4} + \frac{1}{8} = \frac{2}{8} + \frac{1}{8} = \frac{3}{8} \text{ km}$
- 3 Use a number line to find the difference
 $7\frac{2}{3} - 5\frac{1}{4} = \dots$
 $7\frac{2}{3} - 5\frac{1}{4} = 2\frac{5}{12}$
- 4 Gina walked $1\frac{1}{2}$ km and amany walked $2\frac{3}{5}$ km more than gina . how many km did amany walk?
 $1\frac{1}{2} + 2\frac{3}{5} = 1\frac{5}{10} + 2\frac{6}{10} = 4\frac{1}{10}$



- 5 Seif studied math for $1\frac{1}{3}$ hour and English for 40 minutes. How many hours did seif study in all?

$$40 = \frac{2}{3} hr$$

$$1\frac{1}{3} + \frac{2}{3} = 1\frac{3}{3} = 2 \text{ hours}$$

- 6 Find the value of n

$$1- \frac{1}{3} + n = \frac{5}{6}$$

$$2- \frac{7}{9} - \frac{n}{7} = \frac{22}{63}$$

Find the value of n

$$1- \frac{1}{3} + n = \frac{5}{6} \quad n = \frac{1}{2}$$

$$2- \frac{7}{9} - \frac{n}{7} = \frac{22}{63} \quad n = 3$$

- 7 Rewrite the given two mixed numbers with like denimaintal

$$1- 1\frac{2}{5} \text{ and } 3\frac{28}{35}$$

$$2- 2\frac{3}{4} \text{ and } 2\frac{8}{30}$$

Rewrite the given two mixed numbers with like denimaintal

$$1- 1\frac{2}{5} \text{ and } 3\frac{28}{35} \quad 1\frac{14}{35}, 3\frac{28}{35}$$

$$2- 2\frac{3}{4} \text{ and } 2\frac{8}{30} \quad 2\frac{45}{60}, 2\frac{16}{60}$$

Model (5)

Question 1 : Choose the correct answer :

- 1 The fraction $\frac{2}{5}$ is equivalent to

a $\frac{4}{15}$

b $\frac{6}{10}$

c $\frac{8}{20}$

d $\frac{4}{7}$

- 2 The sum of $\frac{5}{7} + \frac{3}{14} = \dots\dots\dots$

a $\frac{2}{7}$

b $\frac{13}{14}$

c $\frac{8}{21}$

d $\frac{8}{14}$

- 3 $6\frac{6}{7} - 2\frac{3}{7} = \dots$

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

b $3\frac{3}{7}$

c $\frac{3}{7}$

d $4\frac{2}{7}$

- 4 $\frac{1}{4}$ year = month
 (a) 12 (b) 6 (c) 3 (d) 4
- 5 $1\frac{1}{2}$ days = hours
 (a) 48 (b) 36 (c) 60 (d) 24
- 6 $3\frac{1}{2} - 1\frac{2}{6} = \dots\dots\dots$
 (a) $1\frac{3}{4}$ (b) $2\frac{1}{3}$ (c) $1\frac{2}{3}$ (d) $2\frac{2}{3}$
- 7 Which of the following is equivalent to $3\frac{12}{6}$?
 (a) $3\frac{3}{4}$ (b) $\frac{3}{4}$ (c) $3\frac{4}{16}$ (d) $3\frac{2}{3}$
- 8 If $x - 2\frac{4}{9} = 3\frac{3}{9}$ then the value of $x = \dots$.
 (a) 1 (b) $1\frac{2}{9}$ (c) $5\frac{8}{9}$ (d) $5\frac{4}{9}$
- 9 $2\frac{5}{8} = 2\frac{x}{40}$ then $x = \dots\dots\dots$
 (a) 25 (b) 37 (c) 40 (d) 5

Question 2 : Answer the following :

- 1 Omnia purchases $\frac{7}{8}$ kg of fava beark she uses $\frac{3}{4}$ kg of the fava beans to make falafel.
 How many kilograms of fava beans are left?
 $\frac{7}{8} - \frac{3}{4} = \frac{7}{8} - \frac{6}{8} = \frac{1}{8} \text{ kg}$
- 2 In the pond $\frac{1}{3}$ of the lilies are white and $\frac{1}{4}$ of the lilies are pink.
 How many lities are in the pond all to get her ?
 $\frac{1}{3} + \frac{1}{4} = \frac{4}{12} + \frac{3}{12} = \frac{7}{12} \text{ LiLies}$
- 3 On Friday Ali walked $\frac{4}{7}$ km. What is remaining distance for Ali to walk 1 km ?
 $1 - \frac{3}{7} = \frac{7}{7} - \frac{3}{7} = \frac{4}{7} \text{ km}$

- 4 wael Wael collected $4\frac{1}{4}$ kg of dates he gare $2\frac{3}{5}$ kg to a friend . He wants to know .
how many kg are left ?

$$4\frac{1}{4} - 2\frac{3}{5} = 4\frac{5}{20} - 2\frac{12}{20} =$$

$$3\frac{25}{20} - 2\frac{12}{20} = 1\frac{13}{20} \text{ kg}$$

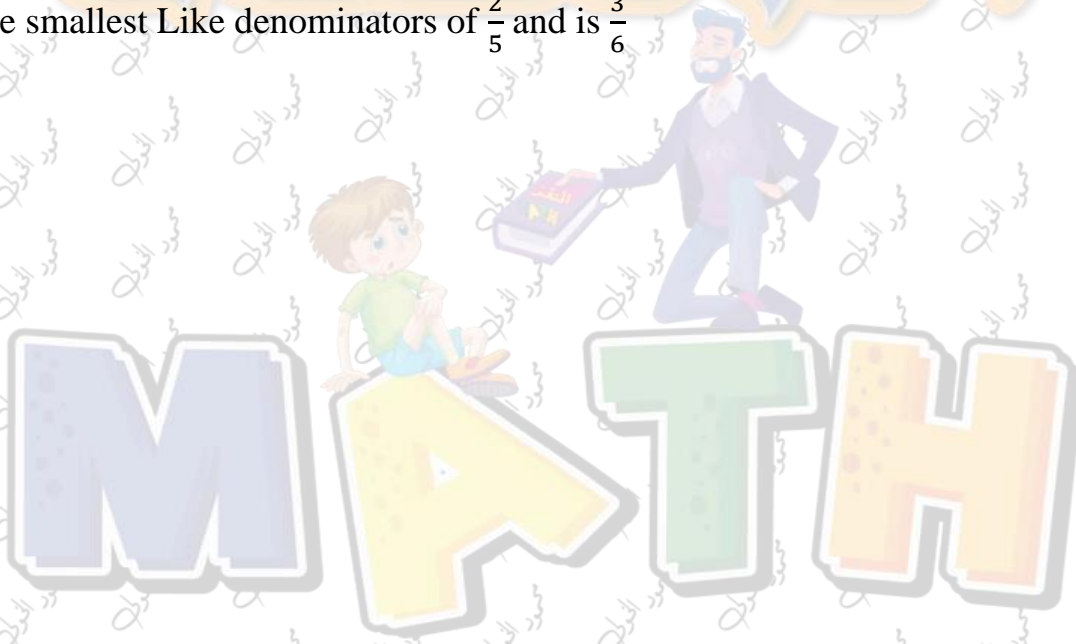
- 5 Mohamed studied math for $4\frac{1}{2}$ hours and arabic for 75 minuts
How many hours did he take to study both subjects ?

$$4\frac{1}{2} + 1\frac{1}{4} = 4\frac{2}{4} + 1\frac{1}{4} = 5\frac{3}{4} \text{ hours}$$

- 6 Ali collected $5\frac{3}{4}$ kg of honer . He gave his brother $2\frac{3}{7}$ km of then .
,TDHow many kg are left ?

$$5\frac{3}{4} - 2\frac{3}{7} = 5\frac{21}{28} - 2\frac{12}{28} = 3\frac{9}{28} \text{ kg}$$

- 7 The smallest Like denominators of $\frac{2}{5}$ and is $\frac{3}{6}$
30



تم تحميل الملف من موقع وتطبيق
مذكرات جاهزة للطباعة