GRADE 4

STUDENTS' WORKSHEETS

MATHEMATICS

(December)

Academic Year
2020-2021

COVID-19 ACCELERATED RESPONSE FOR EDUCATION, PUNJAB

PUNJAB CURRICULUM AND TEXTBOOK BOARD, LAHORE

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STUDENTS' WORKSHEETS

MATHEMATICS

(December)

PUNJAB CURRICULUM AND TEXTBOOK BOARD, LAHORE

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WORKSHEET-1

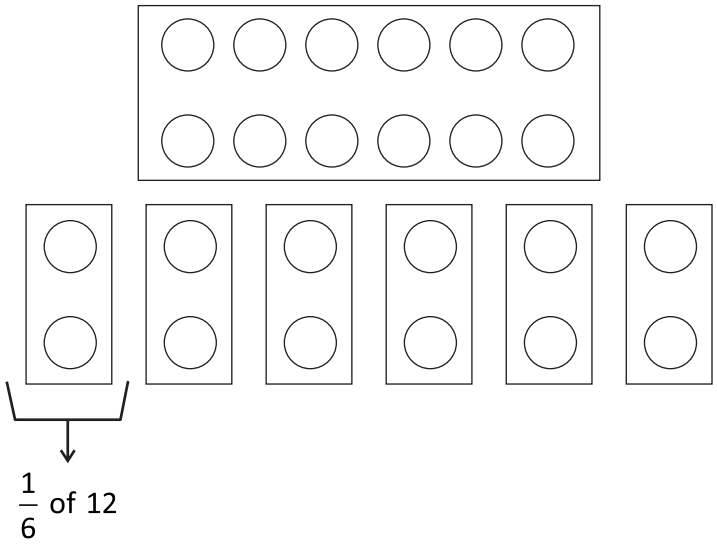
Unit 1, Lesson 1

MULTIPLICATION OF FRACTIONS

SLO: Multiply fractions with whole numbers.

Instruction: Fill in the boxes.

a. What is $\frac{1}{6}$ of 12?



$\frac{1}{6}$ of 12

$\frac{1}{6}$ of 12 = $\frac{1}{6}$ × 12 = ☐

b. What is $\frac{1}{8}$ of 24?

$\frac{1}{8}$ of 24

$\frac{1}{8}$ of 24 = $\frac{1}{8}$ × 24 = ☐

P.T.O

c.

$\frac{7}{8} \times 32 =$ ☐	$\frac{5}{7} \times 49 =$ ☐	$\frac{7}{6} \times 36 =$ ☐
$\frac{5}{9} \times 81 =$ ☐	$\frac{28}{5} \times 10 =$ ☐	$\frac{9}{4} \times 24 =$ ☐

WORKSHEET-2

Unit 1, Lesson 2

DIVISION OF FRACTIONS

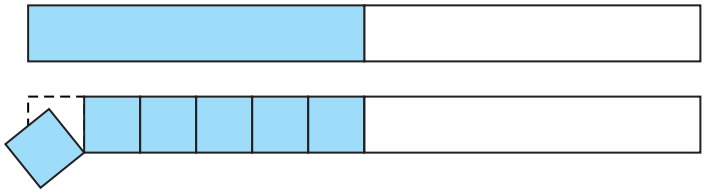
SLO: Divide fraction by a whole number.

Instruction: Fill in the boxes.

a. $\frac{1}{2} \div 6$

$= \frac{1}{2} \times \frac{1}{6}$

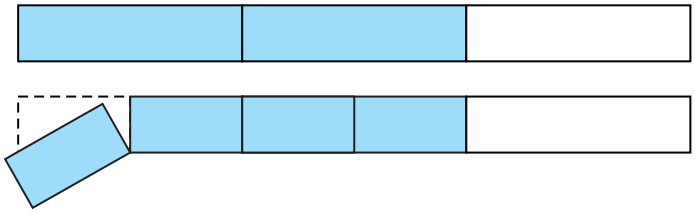
$= \square$



b. $\frac{2}{3} \div 4$

$= \frac{2}{3} \times \frac{1}{4}$

$= \square$



c. $\frac{3}{5} \div 9$

$= \square$

$= \square$

d. $\frac{4}{3} \div 5$

$= \square$

$= \square$

e. $\frac{6}{5} \div 9$

$= \square$

$= \square$

f. $\frac{8}{7} \div 3$

$= \square$

$= \square$

WORKSHEET-3

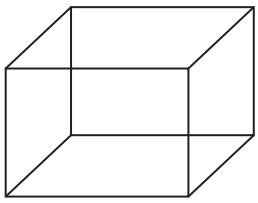
Unit 1, Lesson 3

ADDITION AND SUBTRACTION OF FRACTIONS

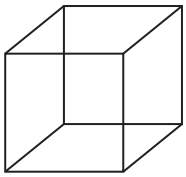
SLO: Add and Subtract fractions with unlike fraction.

Instruction: Calculate the total weight.

a.



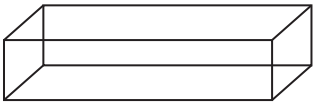
$\frac{3}{4}$ kg



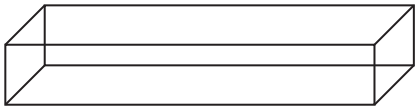
$\frac{1}{2}$ kg

Solution:

b.



$\frac{5}{8}$ kg



$\frac{4}{3}$ kg

Solution:

Instruction: Simplify

a. $\frac{9}{2}+\frac{7}{8}$

b. $13\frac{1}{8}+5\frac{6}{7}$

c. $\frac{3}{8}-\frac{1}{4}$

d. $\frac{2}{3}-\frac{1}{5}$

e. $\frac{3}{5}-\frac{4}{15}$

f. $\frac{3}{4}-\frac{3}{10}$

WORKSHEET-4

Unit 2, Lesson 1

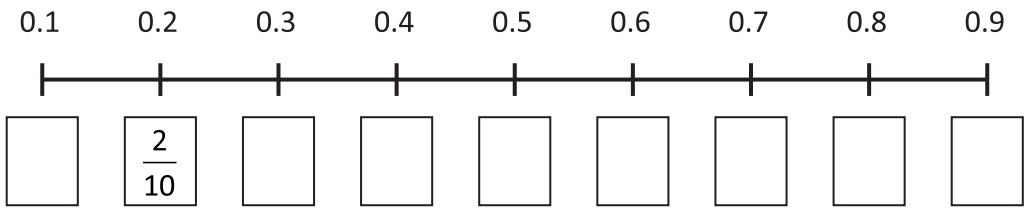
DECIMALS AND FRACTIONS

SLO: Define decimal as a fraction whose denominator is 10 or a power of 10.

Instruction: Fill in the column B against column A in the following table.

Column A Value	Column B Tenth Value $(\frac{1}{10})$
3.2	
54.9	
1.8	
99.1	
7.5	

Instruction: Fill in the boxes as shown in the example in the given number line.



Example

WORKSHEET-5

Unit 2, Lesson 2

IN DECIMAL PLACE VALUE OF DIGIT

SLO:
- Recognize the places occupied by the digits after the decimal point as decimal places.
- Identify the place value of a digit in decimals.

Instruction: Fill in the given values in the following table.

i) 9.624 ii) 1329.212 iii) 28.02 iv) 1388.637

v) 55.889 vi) 789.654

	Thousands 1000	Hundreds 100	Tens 10	Units 1	.	Tenth $\frac{1}{10}$	Hundredth $\frac{1}{100}$	Thousandth $\frac{1}{1000}$
i)								
ii)	1	3	2	9	.	2	1	2
iii)								
iv)								
v)								
vi)								

Instruction: write the numbers for the given place values.

a) Thousands = 9, Hundreds = 5, Tens = 1, Units = 2, Thousandth = 8

Number =

b) Thousands = 3, Tens = 1, Hundredth = 5

Number =

c) Hundreds = 7, Tens = 3, Tenth = 5, Thousandth = 8

Number =

WORKSHEET-6

Unit 2, Lesson 3

ADDITION AND SUBTRACTION OF DECIMALS

SLO:
- Add decimals. (up to 2 decimal places)
- Subtract decimals. (up to 2 decimal places)

Instruction: Simplify.

a) 88.09
+ 79.99

b) 70.33
+ 58.90

c) 371.21
+ 111.09

d) 235.79
+ 129.23

e) 729.98
– 651.77

f) 58.91
– 35.81

g) 789.07
– 699.87

h) 125.23
– 18.57

WORKSHEET-7

Unit 3, Lesson 1

CONVERSION OF UNITS OF LENGTHS

SLO: Conversion of units of lengths

Instruction: Convert the following kilometers into meters.

i) 58 km
Solution:

ii) 986 km
Solution:

iii) 928 km
Solution:

iv) 78 km
Solution:

Instruction: Convert the following meters into kilometers.

i) 5380 m
Solution:

ii) 8910 m
Solution:

iii) 1234 m
Solution:

iv) 358 m
Solution:

WORKSHEET-8

Unit 3, Lesson 2

CONVERSION OF UNITS OF LENGTHS

SLO: Conversion of units of lengths

Instruction: Convert the following meters into centimeters.

i) 588 m

Solution:

ii) 71 m

Solution:

iii) 12 m

Solution:

iv) 79 m

Solution:

Instruction: Convert the following centimeters into meters.

i) 51 cm

Solution:

ii) 531 cm

Solution:

iii) 111 cm

Solution:

iv) 785 cm

Solution:

WORKSHEET-9

Unit 3, Lesson 3

CONVERSION OF UNITS OF LENGTHS

SLO: Conversion of units of lengths

Instruction: Convert the following centimeters into millimeters.

i) 379 cm

Solution:

ii) 538 cm

Solution:

iii) 899 cm

Solution:

iv) 531 cm

Solution:

Instruction: Convert the following millimeters into centimeters.

i) 539 mm

Solution:

ii) 125 mm

Solution:

iii) 835 mm

Solution:

iv) 355 mm

Solution:

WORKSHEET-10

Unit 3, Lesson 4

CONVERSION OF UNITS OF MASS/WEIGHT

SLO: Conversion of units of mass / weight.

Instruction: Fill in the table bellow.

Object	Estimated Weight (in kg)	Estimated Weight (in gm)
Chair	8	8000
School Bag		
Laptop		
Football		
Toy Car		
Bench		

Instruction: Convert the following grams into kilograms.

i) 8800 gm

Solution:

ii) 7892 gm

Solution:

Instruction: Convert the following kilograms into grams.

i) 91 km

Solution:

ii) 5 km

Solution:

WORKSHEET-11

Unit 3, Lesson 5

CONVERSION OF UNITS OF CAPACITY

SLO: Conversion of units of capacity.

Instruction: Convert the following liters into millileters.

i) 78 ltr

Solution:

ii) 12 ltr

Solution:

iii) 718 ltr

Solution:

iv) 629 ltr

Solution:

Instruction: Convert the following milliliters into liters.

i) 7829 ml

Solution:

ii) 708 ml

Solution:

iii) 118 ml

Solution:

iv) 5689 ml

Solution:

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