



INDIAN SCHOOL AL WADI AL KABIR

Class: VII	Department: MATHEMATICS	Date : 23-04-20
Worksheet No:1/2	Topic: Multiplication and division of fractions	Answers

Q.1.	The reciprocal of $\frac{4}{23}$ is							
	(A)	$\frac{40}{23}$	(B)	$\frac{4}{23}$	(C)	$\frac{23}{4}$	(D)	$\frac{10}{23}$
Q.2.	A basket contains 80 apples. 25 of them are rotten. The Fraction of good apples is							
	(A)	$\frac{25}{60}$	(B)	$\frac{11}{16}$	(C)	$\frac{16}{5}$	(D)	$\frac{5}{60}$
Q.3.	Sandhya buys $1\frac{1}{2}$ kg of Apples and $1\frac{3}{8}$ kg of Oranges. She also buys $1\frac{1}{4}$ kg of Guavas. Find the total weight of the fruits with her?							
	(A)	$4\frac{1}{8}$ kg	(B)	$4\frac{1}{2}$ kg	(C)	$4\frac{1}{4}$ kg	(D)	4 kg
Q.4.	What is $\frac{2}{9}$ of 927?							
	(A)	390	(B)	130	(C)	206	(D)	109
Q.5.	The product of two improper fractions is less than both the fractions.							
	(A)	False	(B)	True	(C)	Can't say	(D)	none of these
Q.6.	How many $\frac{1}{16}$ kg boxes of chocolates can be made with $1\frac{1}{2}$ kg of chocolates?							
	(A)	$\frac{1}{2}$	(B)	$\frac{1}{16}$	(C)	24	(D)	16

Q.7.	A ribbon is 56m long. How many pieces each of length $1\frac{3}{4}$ metres can be cut from it?			
	(A) 48	(B) 32	(C) 21	(D) 48
Q.8.	By what number should $4\frac{3}{8}$ be multiplied to get $8\frac{3}{4}$?			
	(A) 10	(B) 1	(C) 0	(D) 2
Q.9.	In a group of 80 people, 15 of total like light music, 18 of the total like western music, 38 of total like Semi classical music and the rest like folk music. Express your answers as fraction. (a) How many people like light music? (b) How many people like western music? (c) How many people like Semi classical music?			Ans: (a) $\frac{3}{16}$ (b) $\frac{9}{40}$ (c) $\frac{19}{40}$
Q.10	A sugar bag contains 30 kg of sugar. After consuming bag $\frac{2}{3}$ of it, how much sugar is left in the bag?			Ans: 10 kg
Q.11	Each side of a square is $5\frac{1}{3}$ m long. Find its area.			Ans: 256/9
Q.12	Sara plants 5 saplings in a row in her garden. The distance between two adjacent saplings is $\frac{3}{4}$ m. Find the distance between the first and the last sapling.			Ans: 3m
Q.13	A man gave $\frac{1}{3}$ of his money to his son, $\frac{1}{5}$ of his money to his daughter and the remaining to his wife. If he earns Rs.36000. Calculate the total amount given to his wife?			Ans: 16800 or $\frac{7}{15}$
Q.14	Ronald reads $\frac{1}{3}$ part of a book in 1 hour. How much part of the book will he read in $2\frac{1}{5}$ -hours.			Ans: 11/15
Q.15	In mid-day meal scheme $\frac{1}{10}$ litre of milk is given to each student of a primary school. If 30 litres of milk are distributed every day in the school, how many students are there in the school.			Ans: 300
Q.16	Sunita and Rehana want to make dresses for their dolls. Sunita has $\frac{3}{4}$ m of cloth and she gave $\frac{1}{3}$ of it to Rehana. How much does Rehana have?			Ans: $\frac{1}{4}$

Q.17	Nina's math classroom is $6\frac{2}{5}$ m long and $1\frac{3}{8}$ m wide. What is the area of the classroom?	Ans : $\frac{44}{5}$ or $8\frac{4}{5}$
Q.18	Which is greater: (i) $\frac{2}{7}$ of $\frac{3}{4}$ or $\frac{3}{7}$ of $\frac{7}{8}$ (ii) $\frac{1}{2}$ of $\frac{6}{7}$ or $\frac{2}{3}$ of $\frac{3}{7}$	Ans: (i) < (ii) >
Q.19	A cyclist covers $4\frac{1}{3}$ km in 1 hour. How far does he go in 3 hours?	Ans= 13 km
Q.20	Renu completed $\frac{2}{3}$ part of her homework in 2 hours. How much part of her homework had she completed in $1\frac{1}{4}$ hours?	Ans $\frac{5}{12}$
Q.21	Evaluate the following: (i) $7 \times \frac{3}{5}$ (ii) $3\frac{2}{5} \times 8$	Ans (i) $\frac{21}{5}$ (ii) $\frac{136}{5}$
Q.22	Zaahir's monthly salary is Rs.2420, and he saves $\frac{2}{11}$ of his salary. Calculate the amount of his saving.	Ans: Rs 440
Q.23	Family photograph has $14\frac{2}{5}$ cm length and breadth $10\frac{2}{5}$ cm. Find the length of wood required framing the photograph.	Ans: $\frac{248}{5}$
Q.24	It takes $2\frac{1}{3}$ m of cloth to make a shirt. How many shirts can Radhika make from a piece of cloth $9\frac{1}{3}$ m long?	Ans: 4
Q.25	Ramesh solved $\frac{2}{9}$ part of an exercise and Seema solved $\frac{3}{5}$ part of it. Who solved the lesser part and by how much?	Ans: Ramesh by 17/45

Answers for MCQ:

1. (C) $\frac{23}{4}$
2. (B) $\frac{11}{16}$
3. (A) $4\frac{1}{8}$ kg
4. (C) 206
5. (B) True
6. (c) 24
7. (B) 32
8. (D) 2