



INDIAN SCHOOL AL WADI AL KABIR

Class VI, Mathematics
Worksheet 2- Fractions
 28/08/2020

OBJECTIVE TYPE (1 Mark)

Q.1.	Reema has a carton containing one dozen eggs. The carton fell on the ground and 3 eggs broke. Find the fraction of eggs that were not broken.							
	A	$\frac{3}{12}$	B	$\frac{3}{4}$	C	$\frac{1}{12}$	D	$\frac{3}{9}$
Q.2.	The fraction represented by the shaded region in the given figures is							
	A	$\frac{1}{3}$	B	$\frac{2}{3}$	C	$\frac{3}{4}$	D	$\frac{1}{2}$
Q.3.	The value of a proper fraction lies between							
	A	10 and 100	B	1 and 10	C	1 and 2	D	0 and 1
Q.4.	Which of the following is not true for an improper fraction							
	A	Numerator is greater than denominator	B	Value greater than 1	C	Lies between 0 and 1	D	Can be converted into a mixed fraction
Q.5.	A box contains 3 red balls and 4 green balls. What fraction of the balls are red?							
	A	$\frac{3}{4}$	B	$\frac{4}{7}$	C	$\frac{3}{7}$	D	$\frac{4}{3}$
Q.6.	What fraction of a day is 4 hours?							
	A	$\frac{1}{4}$	B	$\frac{4}{12}$	C	$\frac{1}{24}$	D	$\frac{1}{6}$
Q.7.	Which of the given pair of fractions are equivalent?							
	A	$\frac{3}{9}$ and $\frac{9}{11}$	B	$\frac{4}{7}$ and $\frac{36}{63}$	C	$\frac{6}{7}$ and $\frac{4}{7}$	D	$\frac{6}{5}$ and $\frac{6}{8}$

Q.8.	Suman completed 5 questions out of the 15 questions in an exercise. What fraction of exercise did she complete?							
	A	$\frac{1}{5}$	B	$\frac{3}{5}$	C	$\frac{1}{3}$	D	None of these
Q.9.	The simplest form of $\frac{12}{21}$ is							
	A	$\frac{1}{3}$	B	$\frac{4}{7}$	C	$\frac{3}{5}$	D	$\frac{13}{21}$
Q.10.	Replace the @ by a suitable number $\frac{8}{9} = \frac{56}{@}$							
	A	81	B	64	C	72	D	63
Fill in the blanks(1mark)								
Q.11.	Fill in the box with appropriate sign ($>$, $<$, or $=$) $\frac{4}{9}$ <input type="text"/> $\frac{4}{10}$							
Q.12.	An equivalent fraction of $\frac{6}{8}$ with denominator 56 is <input type="text"/>							
Q.13.	Convert $2\frac{4}{7}$ into improper fraction _____.							
Q.14.	Abhijit coloured $\frac{3}{8}$ of the portrait and Vinita coloured $\frac{2}{8}$ of it. Fraction of the painting left to be coloured is <input type="text"/>							
Q.15.	The simplest form of $\frac{40}{48}$ is <input type="text"/>							
SECTION B (2 marks)								
Q.16.	What should be subtracted from $\frac{8}{15}$ to get $\frac{7}{30}$?							
Q.17.	What fraction is 225 g of 1 Kg?							
Q.18.	Represent $\frac{1}{7}$ and $\frac{6}{14}$ on the same number line. Which of these fractions lie more closer to 0 on the number line?							
Q.19.	Ashu had $3\frac{1}{2}$ bars of chocolate. He gave $1\frac{1}{4}$ to his sister. How much chocolate is left with him?							
Q.20.	Write two equivalent fractions of $\frac{7}{9}$.							
SECTION C (4 marks)								
Q.21.	In a shipment of flowers for a nursery, $\frac{2}{7}$ of the flowers were tulips and $\frac{2}{3}$ were sunflowers. The remainder of the flowers were roses. What fraction of the flowers in the shipment were roses?							

Q.22.	Harmeet jogged for $\frac{5}{7}$ of an hour and Hitesh jogged for $\frac{7}{9}$ of an hour. Who jogged for a longer duration and by how much?
Q.23.	In an exam, Abhishek answered 18 questions correctly. If the total number of questions asked in the exam were 30 and he did not attempt 5 questions, find: i) The fraction of answers he got right. ii) The fraction of answers he got wrong. iii) The fraction of questions he did not answer.
Q.24.	In a school, $\frac{5}{10}$ of the students come to school in the school bus, $\frac{3}{10}$ of the students ride on bicycles and $\frac{17}{60}$ students walk to the school. Which is the most used and the least used mode of travel by the students?
Q.25.	Jasmeet cleaned $\frac{1}{7}$ of the school playground, while his friends Bashir and Hazel cleaned $\frac{2}{7}$ and $\frac{3}{7}$ of the ground respectively. What fraction of the ground did they clean together? What fraction of the playground is left to be cleaned?

Answers

Answers	1	B. $\frac{3}{4}$	2	B. $\frac{2}{3}$	3.	D. 0 and 1	4	C. lies between 0 and 1
	5	C. $\frac{3}{7}$	6	D. $\frac{1}{6}$	7	B. $\frac{4}{7}$ and $\frac{36}{63}$	8	C. $\frac{1}{3}$
	9	B. $\frac{4}{7}$	10	D. 63	11	>	12	$\frac{42}{56}$
	13	$\frac{18}{7}$	14	$\frac{3}{8}$	15	$\frac{5}{6}$	16	$\frac{3}{10}$
	17	$\frac{225 \div 25}{1000 \div 25} = \frac{9}{40}$	18	$\frac{1}{7}$	19	$2\frac{1}{4}$	20	$\frac{14}{18}$ and $\frac{21}{27}$
	21	$\frac{1}{21}$	22	Hitesh by $\frac{4}{63}$	23	$\frac{18}{30}$ or $\frac{3}{5}$ ii) $\frac{7}{30}$ iii) $\frac{5}{30} = \frac{1}{6}$	24	Most used is School bus and least used mode is walking
	25	$\frac{6}{7}$ and $\frac{1}{7}$						