



INDIAN SCHOOL AL WADI AL KABIR
Class VII, Mathematics
 MCQ – WORKSHEET ON FRACTIONS
21-04-2021

OBJECTIVE TYPE (1 Mark)

Q.1.	Choose the equivalent fraction of $\frac{16}{20}$ with numerator 4:							
A	$\frac{4}{10}$	B	$\frac{4}{5}$	C	$\frac{2}{4}$	D	$\frac{4}{20}$	
Q.2.	$3\frac{1}{4} - 2\frac{1}{3}$ is equal to:							
A	$1\frac{1}{12}$	B	$\frac{1}{12}$	C	$1\frac{1}{11}$	D	$\frac{11}{12}$	
Q.3.	The product of $\frac{3}{10}$ and $\frac{2}{3}$ is:							
A	$\frac{1}{5}$	B	$\frac{9}{20}$	C	$\frac{6}{13}$	D	$\frac{5}{13}$	
Q.4.	$\frac{3}{7}$ of 42 is equal to:							
A	21	B	98	C	18	D	$\frac{1}{7}$	
Q.5.	The product of $2\frac{1}{4} \times 3\frac{1}{5}$ is:							
A	$6\frac{1}{5}$	B	$7\frac{2}{5}$	C	$7\frac{1}{5}$	D	$7\frac{1}{4}$	
Q.6.	The cost of 1 m of cloth is ₹ $25\frac{1}{5}$. What is the cost of $5\frac{5}{9}$ m of cloth?							
A	$84\frac{5}{9}$	B	$84\frac{4}{9}$	C	$83\frac{4}{9}$	D	$80\frac{4}{9}$	
Q.7.	The One tin holds $4\frac{1}{5}$ litres of oil. How many litres of oil can 15 such tins hold?							
A	63	B	36	C	64	D	30	

Q.8.	The value of $\frac{3}{2} \div 5$ is:							
A	$\frac{3}{10}$	B	$\frac{15}{2}$	C	$\frac{10}{3}$	D	$\frac{6}{10}$	
Q.9.	How many pieces of length $1\frac{3}{4}$ metres can be cut from a roll of ribbon of length 63 metres?							
A	9	B	36	C	63	D	13	
Q.10.	A 20 litre bucket is $\frac{3}{5}$ full of milk. The amount of milk in the bucket is:							
A	12 litres	B	20 litres	C	25 litres	D	9 litres	
Q.11.	Which of the following is not equivalent to $\frac{3}{5}$ is?							
A	$\frac{6}{10}$	B	$\frac{4}{10}$	C	$\frac{12}{20}$	D	$\frac{21}{35}$	
Q.12.	Length of a rectangular field is $5\frac{1}{4}$ m and breadth are $1\frac{1}{7}$ m. Find the area of the rectangular field.							
A	$10\frac{1}{7}$	B	6	C	8	D	$9\frac{1}{7}$	
Q.13.	There are 6 students in a row. The distance between two adjacent students is $\frac{2}{5}$ m. Find the distance between the first and last student?							
A	5 m	B	6 m	C	3m	D	2m	
Q.14.	The value of $\frac{4}{5} - \frac{3}{10} + \frac{1}{2}$ is:							
A	$\frac{2}{5}$	B	1	C	$\frac{1}{2}$	D	2	
Q.15.	The product of two fractions is $\frac{3}{4}$. If one of the fractions is $7\frac{1}{2}$, then the other fraction is:							
A	10	B	8	C	$\frac{5}{2}$	D	$\frac{3}{8}$	

Fill in the blanks

	Fill in the blanks
Q16.	The area of a square field of side $6\frac{1}{2}$ is: _____.
Q17.	The multiplicative inverse of $2\frac{3}{4}$ is : _____.
Q18.	The value of $\frac{2}{3}$ of $3\frac{1}{2}$ is _____.
Q19.	The product of a number and its multiplicative inverse is: _____
Q20.	$\frac{3}{5}$ of a kg is _____ grams.

Q21.

CASE STUDY: In an Art festival, there were 1680 students participating. $\frac{1}{5}$ of them participating in dance. $\frac{1}{4}$ of the remaining participating in Yoga. $\frac{2}{7}$ of remaining participating in clay modelling. After all, remaining students participating in painting.



I) If $\frac{1}{5}$ of them participating in dance. Then the number of students participating in dance is:

- | | | | | | | | |
|---|-----|---|------|---|-----|---|-----|
| A | 326 | B | 1344 | C | 336 | D | 346 |
|---|-----|---|------|---|-----|---|-----|

II) If $\frac{1}{4}$ of the remaining participating in Yoga. Then the number of students participating in yoga is:

- | | | | | | | | |
|---|------|---|-----|---|-----|---|------|
| A | 1008 | B | 336 | C | 720 | D | 1000 |
|---|------|---|-----|---|-----|---|------|

III) If $\frac{2}{7}$ of further remaining participating in clay modelling. Then the number of students participating in clay modelling is:

- | | | | | | | | |
|---|-----|---|-----|---|-----|---|-----|
| A | 720 | B | 336 | C | 278 | D | 288 |
|---|-----|---|-----|---|-----|---|-----|

IV) Fraction represents the Number of students participating in Painting is:

- | | | | | | | | |
|---|----------------|---|---------------|---|---------------|---|---------------|
| A | $\frac{3}{10}$ | B | $\frac{3}{7}$ | C | $\frac{4}{7}$ | D | $\frac{5}{7}$ |
|---|----------------|---|---------------|---|---------------|---|---------------|

V) Number of students participating in Painting is:

- | | | | | | | | |
|---|-----|---|-----|---|-----|---|------|
| A | 720 | B | 336 | C | 320 | D | 1008 |
|---|-----|---|-----|---|-----|---|------|

ANSWERS

Q.1. B) $\frac{4}{5}$	Q.2 D) $\frac{11}{12}$	Q.3.A) $\frac{1}{5}$	Q.4 C) 18
Q.5. B) $7\frac{1}{5}$	Q.6 B) $84\frac{4}{9}$	Q.7 A) 63	Q.8 A) $\frac{3}{10}$
Q.9. B) 36	Q.10 A) 12 litres	Q.11. B) $\frac{4}{10}$	Q.12 B) 6
Q.13. D) 2m	Q.14. B) 1	Q.15. A) 10	Q.16.) $42\frac{1}{4}$
Q.17) $\frac{4}{11}$	Q.18) $2\frac{1}{3}$	Q.19) 1	Q.20) 600gm
Q.21.I) C) 336	Q.21.II) B) 336	Q.21.III) D) 288	Q.21.IV) B) $\frac{3}{7}$
Q.21.V) A) 720			
