



INDIAN SCHOOL AL WADI AL KABIR

Class VII, Mathematics

WORKSHEET (MCQ& CASE STUDY) - FRACTIONS

Multiple Choice questions

Q.1.	The product of 3 and $4\frac{2}{5}$ is								
A	$17\frac{2}{5}$	B	$\frac{24}{5}$	C	$13\frac{1}{5}$	D	$5\frac{1}{5}$		
Q.2.	The number of chocolate boxes of $\frac{1}{16}$ kg can be made with $1\frac{1}{2}$ kg of chocolate								
A	14	B	24	C	21	D	13		
Q.3.	$\frac{2}{5}$ of 2700 is								
A	540	B	1125	C	980	D	1080		
Q.4.	The reciprocal of $2\frac{5}{7}$ is								
A	$\frac{19}{7}$	B	$\frac{14}{7}$	C	$\frac{7}{19}$	D	$\frac{7}{14}$		
Q.5.	If $\frac{4}{9} \times y$ is $\frac{16}{85}$, the value of y is								
A	$\frac{36}{85}$	B	$\frac{32}{85}$	C	$\frac{33}{85}$	D	$\frac{34}{85}$		
Q.6.	Radhika has ₹ 75. This is $\frac{3}{8}$ of the amount she earned. The amount she earned is (CBQ)								
A	₹215	B	₹280	C	₹250	D	₹200		
Q.7.	$\frac{7}{10} \div (\frac{7}{10} \text{ of } \frac{14}{25})$ (CBQ)								
A	$\frac{21}{14}$	B	$\frac{19}{14}$	C	$\frac{25}{14}$	D	$\frac{35}{14}$		
Q8.	Tanu has $6\frac{1}{4}$ kg of cotton wool for making pillows. If one pillow takes $1\frac{1}{4}$ kg, how many pillows can she make?								
A	5	B	7	C	6	D	11		

Q9	There are 120 seats in a balcony of a theatre. If $\frac{3}{5}$ of the seats are occupied by the people for a show. The number of people present in the balcony is							
	A	36	B	70	C	60	D	72
Q10	$\frac{1}{4}$ litre of milk costs ₹ 4. the cost of $6\frac{1}{2}$ litres of milk is (CBQ)							
	A	₹104	B	₹114	C	₹140	D	₹401
	Source based Question: $\frac{1}{3}$ of the 6 dozen fruits in a fruit seller's cart are apples, if all $\frac{1}{4}$ of all fruits are oranges and the rest are bananas. Based on the information, answer the following questions							
Q 11	The number of apples in the cart is							
	A	2	B	12	C	24	D	6
Q 12	What fraction of fruits are bananas?							
	A	$\frac{5}{12}$	B	$\frac{1}{12}$	C	$\frac{2}{7}$	D	$\frac{1}{12}$
Q 13	The number of oranges in cart is							
	A	12	B	18	C	24	D	32
Q 14	If the fruit seller kept 2 dozen more apples in cart. Now what fraction of fruits are apples?							
	A	$\frac{1}{5}$	B	$\frac{2}{3}$	C	$\frac{1}{2}$	D	$\frac{2}{7}$
Q 15	The product of $\frac{2}{3} \times 1\frac{2}{5} \times 2\frac{1}{7}$ (CBQ)							
	A	$\frac{2}{7}$	B	$\frac{1}{2}$	C	$\frac{2}{5}$	D	2
Q16.	Case study: - 12 friends went to a circus. They had ₹ $200\frac{1}{2}$. The ticket cost ₹ $15\frac{1}{4}$ per head. (1) How much had to pay in all? (2) How much money left with them? (2) If 2 more friends want to join them, How much more money the needed?							

ANSWERS

1.	C	2.	B	3.	D	4.	C
5.	A	6.	D	7.	C	8.	A
9.	D	10.	A	11.	C	12.	A
13.	B	14.	C	15.	D	16.	1. ₹183 2. ₹ $17\frac{1}{2}$ 3. ₹13