



INDIAN SCHOOL AL WADI AL KABIR
Class VII, Mathematics (2026-27)
WORKING WITH FRACTIONS MCQ WORKSHEET

Multiple Choice Questions

Q.1	If $\frac{4}{9} \times m = \frac{16}{85}$, the value of m is							
	A	$\frac{31}{85}$	B	$\frac{32}{85}$	C	$\frac{34}{85}$	D	$\frac{36}{85}$
Q.2	Shika had $\frac{9}{2}$ cm strip of ribbon. She wanted to cut the ribbon into six equal parts. Find the length of each piece.							
	A	$\frac{4}{3}$ cm	B	$\frac{3}{4}$ cm	C	$\frac{2}{7}$ cm	D	$\frac{3}{7}$ cm
Q.3	The value of $\left[\frac{2}{3} \times \frac{12}{9} \right] \div \frac{6}{15}$							
	A	$2\frac{2}{9}$	B	$2\frac{1}{9}$	C	$9\frac{1}{2}$	D	$\frac{2}{9}$
Q.4	At a party, total 280 ice-creams are prepared. Four-seventh of them is eaten by the children. the number ice-creams eaten by the children.							
	A	135	B	160	C	140	D	195
Q.5	A 20 litre bucket is $\frac{3}{5}$ full of milk. The amount of milk in the bucket is:							
	A	12 litres	B	25 litres	C	9 litres	D	20 litres
Q.6	The product of 4 and $3\frac{2}{5}$ is							
	A	$17\frac{2}{5}$	B	$\frac{24}{5}$	C	$13\frac{3}{5}$	D	$15\frac{1}{5}$
Q.7	The value of $7 \div 3\frac{1}{2}$.							
	A	$\frac{1}{2}$	B	2	C	3	D	$\frac{7}{3}$
Q.8	A recipe needs $\frac{5}{7}$ cup of sugar for one cake. Priya wants to make $3\frac{1}{2}$ cakes. How much sugar she needed?							
	A	$3\frac{1}{2}$	B	$2\frac{1}{3}$	C	$2\frac{1}{2}$	D	$3\frac{1}{7}$

Q.9	If $\frac{3}{10}$ of a wall is painted in one day, how much is painted in 7 days?							
	A	$\frac{21}{10}$	B	$\frac{3}{70}$	C	$\frac{7}{10}$	D	$\frac{9}{10}$
Q.10	Nithin takes 26 hours to complete the whole work. If he works $3\frac{1}{4}$ hours daily, in how many days he will finish the work?							
	A	12	B	8	C	7	D	6
Q.11	$\frac{5}{12}$ part of what amount will be equal to $3\frac{3}{4}$ part of ₹ 100 ?							
	A	₹ 875	B	₹ 940	C	₹ 900	D	₹ 940
Q.12	The product of two fractions is $\frac{9}{11}$. If one of them is $\frac{15}{44}$, the other fraction is							
	A	$\frac{5}{12}$	B	$\frac{7}{12}$	C	$\frac{5}{11}$	D	$\frac{12}{5}$
Q.13	Rahul feeds his pet fish $\frac{4}{9}$ of a packet of fish food each day. How many packets of fish food will he need for a week?							
	A	$3\frac{1}{9}$	B	$2\frac{2}{9}$	C	$3\frac{2}{3}$	D	$4\frac{1}{3}$
Q.14	Input $\rightarrow$ $\boxed{\times \frac{3}{4}}$ $\rightarrow$ $\boxed{\div \frac{2}{3}}$ $\rightarrow$ Output If the input is 2, find the out put							
	A	1	B	$\frac{3}{4}$	C	$\frac{4}{9}$	D	$2\frac{1}{4}$
Q.15	Rohit is celebrating his 13th birthday. Rohit's parents bought a chocolate cake weighing $4\frac{1}{2}$ kg. Rohit's mother prepared $7\frac{1}{2}$ litres of mango punch. She wants to pour the juice into small party cups. Each small cup has a capacity of $\frac{3}{8}$ of a litre. During the party, the guests ate $\frac{2}{3}$ of the entire cake. Based on the information answer the following questions. - How many full cups of juice can she serve to the guests? - Find the weight of the cake eaten by the guests during the party. - If one kg cake cost ₹ 800, find the cost of the birthday cake.							



ANSWERS: -

1	D	2	B	3	A	4	B
5	A	6	C	7	B	8	C
9	A	10	B	11	C	12	D
13	A	14	D	15	1. 20 cups 2. 3 kg 3. ₹3600		