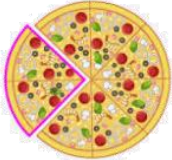




**INDIAN SCHOOL AL WADI AL KABIR**  
**Class VI, Mathematics**  
**WORKSHEET-MCQ (2025-26)**  
**Fractions-1**

**Multiple Choice Questions**

Q.1	Find the equivalent fraction of $\frac{12}{15}$ with numerator 4							
	A	$\frac{4}{12}$	B	$\frac{4}{15}$	C	$\frac{3}{5}$	D	$\frac{4}{5}$
Q.2	The simplest form of $\frac{20}{36}$							
	A	$\frac{5}{9}$	B	$\frac{2}{3}$	C	$\frac{3}{4}$	D	$\frac{4}{9}$
Q.3	Write the number of whole units in the given number $\frac{23}{8}$ is:							
	A	3	B	23	C	2	D	8
Q.4	Akhil typed 60 pages of a book containing 100 pages. Shalom typed $\frac{3}{4}$ pages of the same book. Who read a greater number of pages? Based on this, choose the correct one:							
	A	$\frac{6}{8} > \frac{3}{4}$	B	$\frac{6}{10} = \frac{3}{4}$	C	$\frac{6}{10} < \frac{3}{4}$	D	$\frac{6}{10} = \frac{12}{16}$
Q.5	Which of the following is an equivalent fraction of $\frac{3}{7}$							
	A	$\frac{9}{21}$	B	$\frac{6}{8}$	C	$\frac{12}{24}$	D	$\frac{15}{7}$
Q.6	Fill in the empty box: $\frac{\square}{4} - \frac{1}{4} = \frac{1}{4}$							
	A	$\frac{1}{4}$	B	$\frac{3}{4}$	C	$\frac{4}{12}$	D	$\frac{2}{4}$
Q.7	The fraction representing the shaded portion is:							
								
	A	$\frac{1}{4}$	B	$\frac{2}{4}$	C	$\frac{1}{8}$	D	$\frac{1}{3}$
Q.8.	Which of the following fractions is not an equivalent fraction of $\frac{5}{8}$							
	A	$\frac{10}{16}$	B	$\frac{25}{16}$	C	$\frac{15}{24}$	D	$\frac{20}{32}$

Q.9	Tara bought $1\frac{1}{2}$ Kg of potatoes, $2\frac{1}{4}$ Kg of tomatoes and $\frac{1}{4}$ Kg of carrots. Find the total weight of vegetables that Tara bought.							
	A	$3\frac{3}{4}$ Kg	B	4 Kg	C	5 Kg	D	$4\frac{1}{4}$ Kg
Q.10	Which of the following pairs of fractions are unlike?							
	A	$\frac{9}{25}, \frac{8}{25}$	B	$\frac{7}{30}, \frac{8}{30}$	C	$\frac{8}{19}, \frac{8}{18}$	D	$\frac{4}{18}, \frac{8}{18}$
Q.11	<b>CASE STUDY-1:</b>  <p>It is Ryan's picnic day. He brought 3 sandwiches, each cut into 8 equal parts, a packet of cookies containing 40 pieces, and 5 bottles of juice of different flavors. Read the above situation and answer the following questions:</p> <ol style="list-style-type: none"> <li>1. How many sandwich pieces are there in total?</li> <li>2. If Ryan and his 7 friends share the sandwiches equally, what fraction of sandwich pieces will each one gets?</li> <li>3. If Ryan eats <math>\frac{1}{8}</math> of the cookies from the packet, how many are left in the packet?</li> <li>4. How many more bottles of juice does he need if there are 8 children at the picnic?</li> </ol>							
Q12	<b>CASE STUDY-1:</b>  <p>In a school, 1000 students were asked to choose their favorite sport from 5 different sports: Football, Cricket, Basketball, Badminton, and Volleyball.</p> <ol style="list-style-type: none"> <li>a) If 300 students chose Football, what fraction of the total students is this?</li> <li>b) 250 students preferred Cricket. Write the fraction of students who like Cricket in its simplest form.</li> <li>c) If 200 students liked Basketball, what fraction of the total is this? Simplify if possible.</li> <li>d) The remaining students chose Badminton and Volleyball together. What fraction of the total students is this?</li> <li>e) What fraction of students chose Football and Cricket together?</li> </ol>							

Answers	1	D	2	A	3	C	4	C
	5	A	6	D	7	A	8	B
	9	B	10	C	11	1)24 2) $\frac{24}{8} = 3$ pieces 3)35 4)3	12	a) $\frac{3}{10}$ b) $\frac{1}{4}$ c) $\frac{1}{5}$ d) $\frac{1}{4}$ e) $\frac{11}{20}$