

# EXAM Grace Academy

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## FRACTION : PRACTICE PAPER-01

1. Find the value of  $8\frac{1}{4} \times 8\frac{1}{8} =$
- (a)  $67\frac{1}{32}$  (b)  $\frac{1}{64}$   
(c)  $84\frac{1}{16}$  (d)  $\frac{1}{8}$
2. Solve  $:\frac{1}{4} \div \frac{1}{8} \div \frac{1}{16} =$
- (a) 16 (b) 32  
(c) 8 (d) 4
3. What is the product of  $5\frac{1}{2}$  and  $5\frac{1}{2}$
- (a)  $30\frac{1}{4}$  (b)  $32\frac{1}{4}$   
(c)  $3\frac{1}{8}$  (d)  $\frac{1}{16}$
4. Which is in ascending order ?
- (a)  $\frac{3}{4}, \frac{7}{8}, \frac{5}{3}$  (b)  $\frac{3}{4}, \frac{5}{6}, \frac{7}{8}$   
(c)  $\frac{5}{3}, \frac{7}{8}, \frac{3}{4}$  (d)  $\frac{7}{8}, \frac{5}{3}, \frac{3}{4}$
5. Which is the greatest fraction in the following :-
- (a)  $\frac{1}{2}$  (b)  $\frac{3}{5}$   
(c)  $\frac{3}{4}$  (d)  $\frac{4}{5}$
6. What will the fractional form of 7.5%
- (a)  $\frac{33}{40}$  (b)  $\frac{3}{20}$   
(c)  $\frac{3}{40}$  (d)  $\frac{3}{41}$

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7. What will be the difference between the greatest and the smallest fraction in  $\frac{3}{5}, \frac{4}{7}, \frac{3}{2}$  ?
- (a)  $\frac{13}{14}$  (b)  $\frac{29}{14}$   
(c)  $\frac{14}{29}$  (d)  $\frac{14}{13}$
8. What fraction should be added in  $\frac{1}{2} + \frac{2}{3}$  to get  $3\frac{1}{2}$  ?
- (a)  $\frac{7}{3}$  (b)  $\frac{3}{7}$   
(c)  $\frac{4}{3}$  (d) None of these
9. Simplify  $\frac{1}{5} \times \frac{5}{6} \times \frac{6}{7} + \frac{3}{7} \div \frac{1}{2}$
- (a) 2 (b) 1  
(c) 3 (d) None of these
10. Out of certain sum of money a boy spends  $\frac{2}{3}$  and then  $\frac{1}{6}$  of the remainder. He had Rs 25. What had he at first ?
- (a) 90 (b) 60  
(c) 120 (d) 80
11. A man bought  $\frac{3}{4}$  kg sugar from a shop and  $\frac{1}{2}$  kg from another shop. He used  $\frac{2}{3}$  kg sugar, then find the amount of remaining sugar. (Sainik School-1995)
- (a)  $\frac{7}{12}$ kg (b)  $\frac{6}{12}$ kg  
(c)  $\frac{9}{12}$ kg (d)  $\frac{5}{8}$ kg
12. If half part of the farm uses in growing vegetables and  $\frac{1}{10}$  part in growing tomatoes, then what percentage of growing vegetables is used to grow tomatoes? (Military School-2008)
- (a) 15% (b) 10%  
(c) 20% (d) 30%

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13. Write in descending order  $\frac{3}{5}, \frac{3}{8}, \frac{13}{20}, \frac{7}{10}, \frac{3}{4}$

(a)  $\frac{3}{4}, \frac{3}{8}, \frac{13}{20}, \frac{7}{10}, \frac{3}{5}$

(b)  $\frac{3}{4}, \frac{7}{10}, \frac{13}{20}, \frac{3}{5}, \frac{3}{8}$

(c)  $\frac{3}{5}, \frac{3}{8}, \frac{13}{20}, \frac{7}{10}, \frac{3}{4}$

(d)  $\frac{3}{4}, \frac{3}{5}, \frac{13}{20}, \frac{7}{10}, \frac{3}{8}$

14. Convert .75 into smallest fraction:

(a)  $\frac{7}{5}$

(b)  $\frac{5}{7}$

(c)  $\frac{4}{3}$

(d)  $\frac{3}{4}$

15. What is difference between 1 and  $\frac{2}{3} \times \frac{15}{27} \times 1 \frac{19}{26}$  ?

(a)  $\frac{14}{39}$

(b)  $\frac{15}{17}$

(c)  $\frac{14}{13}$

(d)  $\frac{39}{14}$

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## ANSWER KEY : FRACTION Practice Paper-01

Q. No	Ans	Q. No	Ans	Q. No	Ans	Q. No	Ans	Q. No	Ans
1.	a	2.	b	3.	a	4.	b	5.	d
6.	c	7.	a	8.	a	9.	b	10.	a
11.	a	12.	c	13.	b	14.	d	15.	a

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