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1) Arrangement of the fractions $\frac{4}{3}, -\frac{2}{9}, -\frac{7}{8}, \frac{5}{12}$ into ascending order is

- a) $-\frac{2}{9}, -\frac{7}{8}, \frac{5}{12}, \frac{4}{3}$ b) $-\frac{2}{9}, -\frac{7}{8}, \frac{4}{3}, \frac{5}{12}$
c) $-\frac{7}{8}, -\frac{2}{9}, \frac{4}{3}, \frac{5}{12}$ d) $-\frac{7}{8}, -\frac{2}{9}, \frac{5}{12}, \frac{4}{3}$

2) Which is the largest of the following fractions? $\frac{2}{3}, \frac{3}{5}, \frac{8}{11}, \frac{11}{17}$

- a) 11/17 b) 2/3 c) 3/5 d) 8/11

3) The greatest value among the fractions $\frac{2}{7}, \frac{1}{3}, \frac{5}{6}, \frac{3}{4}$ is :

- a) $\frac{1}{3}$ b) $\frac{2}{7}$ c) $\frac{5}{6}$ d) $\frac{3}{4}$

4) Which of the following is the smallest fraction? $\frac{8}{25}, \frac{7}{23}, \frac{11}{23}, \frac{14}{53}$

- a) $\frac{11}{23}$ b) $\frac{14}{53}$ c) $\frac{7}{23}$ d) $\frac{8}{25}$

5) The least among the fractions $\frac{15}{16}, \frac{19}{20}, \frac{24}{25}, \frac{34}{35}$ is

- a) $\frac{19}{20}$ b) $\frac{24}{25}$ c) $\frac{15}{16}$ d) $\frac{34}{35}$

6) If a number is as much greater than 31 as it is less than 75, then the number is

- a) 74 b) 53 c) 44 d) 106

7) The greatest among the following numbers $(3)^{1/3}, (2)^{1/2}, 1, (6)^{1/6}$ is :

- a) $(6)^{1/6}$ b) $(3)^{1/3}$ c) 1 d) $(2)^{1/2}$

8) Which of the following fraction is the smallest? $\frac{7}{6}, \frac{7}{9}, \frac{4}{5}, \frac{5}{7}$

- a) $\frac{4}{5}$ b) $\frac{5}{7}$ c) $\frac{7}{9}$ d) $\frac{7}{6}$

9) Which of the following is the largest fraction? $\frac{6}{7}, \frac{5}{6}, \frac{7}{8}, \frac{4}{5}$

- a) $\frac{5}{6}$ b) $\frac{7}{8}$ c) $\frac{4}{5}$ d) $\frac{6}{7}$

10) Sum of three fractions is $2\frac{11}{24}$. On dividing the largest fraction by the smallest fraction, $\frac{7}{6}$ is obtained which is $\frac{1}{3}$ greater than the middle fraction. The smallest fraction is

- a) 5/6 b) 3/7 c) 3/4 d) 5/8

11) Which of the following fraction is the smallest? $\frac{8}{15}, \frac{14}{33}, \frac{7}{13}, \frac{11}{13}$

- a) $\frac{11}{13}$ b) $\frac{14}{33}$ c) $\frac{7}{13}$ d) $\frac{8}{15}$

12) The least number among $\frac{4}{9}, \sqrt{\frac{9}{49}}, 0.45$ and $(0.8)^2$ is

- a) 0.45 b) $(0.8)^2$ c) $\sqrt{\frac{9}{49}}$ d) $\frac{4}{9}$

13) When 335 is added to 5A7, the result is 8B2. 8B2 is divisible by 3. What is the largest possible value of A?

- a) 1 b) 4 c) 2 d) 8

14) The least number of five digits which has 123 as a factor is

- a) 10081 b) 10063 c) 10086 d) 10037

15) The smallest number of five digits exactly divisible by 476 is

- a) 10476 b) 10472 c) 10000 d) 47600

16) The largest among the numbers $(0.1)^2, \sqrt{0.0121}, 0.12$ and $\sqrt{0.0004}$ is

- a) 0.12 b) $\sqrt{0.0004}$
c) $\sqrt{0.0121}$ d) $(0.1)^2$

17) Which of the following fraction is the smallest? $\frac{9}{13}, \frac{17}{26}, \frac{28}{29}, \frac{33}{52}$

- a) $\frac{17}{26}$ b) $\frac{28}{29}$ c) $\frac{33}{52}$





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a) $\frac{9}{13}$ b) $\frac{28}{29}$ c) $\frac{17}{26}$ d) $\frac{33}{52}$

18) The greatest number among $0.7 + \sqrt{0.16}$, $1.02 - \frac{0.6}{24}$, 1.2×0.83 and $\sqrt{1.44}$ is :

a) 1.2×0.83 b) $1.02 - \frac{0.6}{24}$
c) $\sqrt{1.44}$ d) $0.7 + \sqrt{0.16}$

19) smallest possible three place decimal number is :

a) 0.111 b) None of the above
c) 0.123 d) 0.012

20) Which of the following is correct ?

a) $\frac{11}{15} < \frac{13}{15} < \frac{2}{3}$ b) $\frac{3}{5} < \frac{11}{15} < \frac{2}{3}$
c) $\frac{3}{5} < \frac{2}{3} < \frac{11}{15}$ d) $\frac{2}{3} < \frac{3}{5} < \frac{11}{15}$

21) The greatest fraction among $\frac{2}{3}$, $\frac{5}{6}$, $\frac{11}{15}$ and $\frac{7}{8}$ is

a) $\frac{5}{6}$ b) $\frac{2}{3}$
c) $\frac{11}{15}$ d) $\frac{7}{8}$

22) Which of the following number is the greatest of all
? 0.9, 0.9, 0.09, 0.09 — — —

a) $0.\overline{09}$ b) 0.09
c) $0.\overline{9}$ d) 0.9

