

CBSE CLASS 4 MATHS – FRACTIONS

Worksheet 6: Arranging Fractions in Ascending and Descending Order

Practice worksheet with answer key

Name: _____

Date: _____

Remember: Ascending order = smallest to biggest. Descending order = biggest to smallest.
Same denominator: compare numerators. Same numerator: the smaller denominator gives the bigger fraction. Unlike denominators: make the denominators the same first.

Ordering Fractions

Arrange the fractions as asked. Write them in a row, separated by commas.

1. Arrange in ascending order: $\frac{5}{9}$, $\frac{2}{9}$, $\frac{7}{9}$, $\frac{1}{9}$

Ans: _____

2. Arrange in descending order: $\frac{3}{11}$, $\frac{8}{11}$, $\frac{5}{11}$, $\frac{10}{11}$

Ans: _____

3. Arrange in ascending order: $\frac{4}{7}$, $\frac{6}{7}$, $\frac{1}{7}$, $\frac{3}{7}$

Ans: _____

4. Arrange in descending order: $\frac{2}{5}$, $\frac{2}{9}$, $\frac{2}{3}$, $\frac{2}{7}$

Ans: _____

5. Arrange in ascending order: $\frac{3}{4}$, $\frac{3}{8}$, $\frac{3}{5}$, $\frac{3}{10}$

Ans: _____

6. Arrange in descending order: $\frac{1}{2}$, $\frac{1}{6}$, $\frac{1}{4}$, $\frac{1}{8}$

Ans: _____

7. Arrange in ascending order: $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{4}$, $\frac{5}{8}$

Ans: _____

8. Arrange in descending order: $\frac{2}{3}$, $\frac{5}{6}$, $\frac{1}{2}$, $\frac{1}{6}$

Ans: _____

9. Arrange in ascending order: $\frac{7}{4}$, $\frac{3}{4}$, $\frac{11}{4}$, $\frac{5}{4}$

Ans: _____

10. Arrange in descending order: $\frac{9}{5}$, $\frac{4}{5}$, $\frac{13}{5}$, $\frac{6}{5}$

Ans: _____

11. Arrange in ascending order: $2\frac{1}{4}$, $1\frac{3}{4}$, $3\frac{1}{4}$, $1\frac{1}{4}$

Ans: _____

12. Arrange in descending order: $4\frac{2}{5}$, $4\frac{4}{5}$, $3\frac{1}{5}$, $4\frac{1}{5}$

Ans: _____

13. Arrange in ascending order: $\frac{5}{3}$, $1\frac{1}{3}$, 2 , $\frac{1}{3}$

Ans: _____

14. Arrange in descending order: $\frac{7}{2}$, $2\frac{1}{2}$, 4 , $\frac{3}{2}$

Ans: _____

15. Arrange in ascending order: $\frac{2}{10}$, $\frac{1}{2}$, $\frac{3}{5}$, $\frac{7}{10}$

Ans: _____

16. Arrange in descending order: $\frac{3}{4}$, $\frac{7}{12}$, $\frac{5}{6}$, $\frac{1}{2}$

Ans: _____

17. Arrange in ascending order: $\frac{1}{3}$, $\frac{1}{5}$, $\frac{1}{2}$, $\frac{1}{10}$

Ans: _____

18. Ramu drank $\frac{3}{8}$ litre of juice, Sita drank $\frac{1}{2}$ litre, Tara drank $\frac{1}{4}$ litre and Uma drank $\frac{5}{8}$ litre. Write the amounts in descending order.

Ans: _____

19. Find the greatest and the smallest fraction: $\frac{4}{9}$, $\frac{7}{9}$, $\frac{2}{9}$, $\frac{5}{9}$

Ans: _____

20. Arrange in ascending order: $2\frac{3}{8}$, $1\frac{7}{8}$, $2\frac{1}{8}$, $1\frac{1}{8}$

Ans: _____

Answer Key – Worksheet 6: Arranging Fractions in Ascending and Descending Order

1. $\frac{1}{9}, \frac{2}{9}, \frac{5}{9}, \frac{7}{9}$
2. $\frac{10}{11}, \frac{8}{11}, \frac{5}{11}, \frac{3}{11}$
3. $\frac{1}{7}, \frac{3}{7}, \frac{4}{7}, \frac{6}{7}$
4. $\frac{2}{3}, \frac{2}{5}, \frac{2}{7}, \frac{2}{9}$ (same numerator: smaller denominator = bigger fraction)
5. $\frac{3}{10}, \frac{3}{8}, \frac{3}{5}, \frac{3}{4}$
6. $\frac{1}{2}, \frac{1}{4}, \frac{1}{6}, \frac{1}{8}$
7. $\frac{1}{4}, \frac{1}{2}, \frac{5}{8}, \frac{3}{4}$ (in eighths: $\frac{2}{8}, \frac{4}{8}, \frac{5}{8}, \frac{6}{8}$)
8. $\frac{5}{6}, \frac{2}{3}, \frac{1}{2}, \frac{1}{6}$ (in sixths: $\frac{5}{6}, \frac{4}{6}, \frac{3}{6}, \frac{1}{6}$)
9. $\frac{3}{4}, \frac{5}{4}, \frac{7}{4}, \frac{11}{4}$
10. $\frac{13}{5}, \frac{9}{5}, \frac{6}{5}, \frac{4}{5}$
11. $1\frac{1}{4}, 1\frac{3}{4}, 2\frac{1}{4}, 3\frac{1}{4}$
12. $4\frac{4}{5}, 4\frac{2}{5}, 4\frac{1}{5}, 3\frac{1}{5}$
13. $\frac{1}{3}, 1\frac{1}{3}, \frac{5}{3}, 2$ (in thirds: $\frac{1}{3}, \frac{4}{3}, \frac{5}{3}, \frac{6}{3}$)
14. $4, \frac{7}{2}, 2\frac{1}{2}, \frac{3}{2}$ ($\frac{7}{2} = 3\frac{1}{2}, \frac{3}{2} = 1\frac{1}{2}$)
15. $\frac{2}{10}, \frac{1}{2}, \frac{3}{5}, \frac{7}{10}$ (in tenths: $\frac{2}{10}, \frac{5}{10}, \frac{6}{10}, \frac{7}{10}$)
16. $\frac{5}{6}, \frac{3}{4}, \frac{7}{12}, \frac{1}{2}$ (in twelfths: $\frac{10}{12}, \frac{9}{12}, \frac{7}{12}, \frac{6}{12}$)
17. $\frac{1}{10}, \frac{1}{5}, \frac{1}{3}, \frac{1}{2}$
18. $\frac{5}{8}, \frac{1}{2}, \frac{3}{8}, \frac{1}{4}$ (Uma, Sita, Ramu, Tara) (in eighths: $\frac{5}{8}, \frac{4}{8}, \frac{3}{8}, \frac{2}{8}$)
19. Greatest = $\frac{7}{9}$, Smallest = $\frac{2}{9}$
20. $1\frac{1}{8}, 1\frac{7}{8}, 2\frac{1}{8}, 2\frac{3}{8}$