

EduSahara™ Learning Center Assignment

Grade : Class VIII, ICSE

Chapter : Fractions

Name : Fraction Sorting

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1. The ascending order of $\frac{1}{2}, \frac{1}{2}, \frac{1}{7}, \frac{5}{6}, \frac{2}{6}, \frac{6}{7}$ is

- (i) $\frac{1}{7}, \frac{2}{6}, \frac{1}{2}, \frac{1}{2}, \frac{5}{6}, \frac{6}{7}$
- (ii) $\frac{1}{2}, \frac{1}{7}, \frac{6}{7}, \frac{1}{2}, \frac{5}{6}, \frac{2}{6}$
- (iii) $\frac{1}{2}, \frac{1}{2}, \frac{2}{6}, \frac{6}{7}, \frac{1}{7}, \frac{5}{6}$
- (iv) $\frac{6}{7}, \frac{2}{6}, \frac{1}{2}, \frac{5}{6}, \frac{1}{2}, \frac{1}{7}$
- (v) $\frac{6}{7}, \frac{1}{2}, \frac{2}{6}, \frac{1}{2}, \frac{1}{7}, \frac{5}{6}$

2. The descending order of $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}, \frac{4}{6}, \frac{1}{4}, \frac{1}{6}$ is

- (i) $\frac{1}{2}, \frac{1}{4}, \frac{1}{6}, \frac{1}{4}, \frac{3}{4}, \frac{4}{6}$
- (ii) $\frac{3}{4}, \frac{1}{6}, \frac{1}{2}, \frac{1}{4}, \frac{1}{4}, \frac{4}{6}$
- (iii) $\frac{4}{6}, \frac{1}{2}, \frac{1}{4}, \frac{1}{4}, \frac{3}{4}, \frac{1}{6}$
- (iv) $\frac{3}{4}, \frac{4}{6}, \frac{1}{2}, \frac{1}{4}, \frac{1}{4}, \frac{1}{6}$
- (v) $\frac{1}{6}, \frac{1}{4}, \frac{3}{4}, \frac{1}{4}, \frac{1}{2}, \frac{4}{6}$

3. The ascending order of $\frac{4}{6}, \frac{3}{5}, \frac{2}{5}, \frac{5}{9}, \frac{2}{6}, \frac{4}{8}$ is

- (i) $\frac{3}{5}, \frac{2}{5}, \frac{2}{6}, \frac{5}{9}, \frac{4}{6}, \frac{4}{8}$
- (ii) $\frac{2}{5}, \frac{4}{8}, \frac{3}{5}, \frac{5}{9}, \frac{2}{6}, \frac{4}{6}$
- (iii) $\frac{4}{8}, \frac{4}{6}, \frac{2}{6}, \frac{5}{9}, \frac{3}{5}, \frac{2}{5}$
- (iv) $\frac{2}{6}, \frac{2}{5}, \frac{4}{8}, \frac{5}{9}, \frac{3}{5}, \frac{4}{6}$
- (v) $\frac{2}{5}, \frac{3}{5}, \frac{5}{9}, \frac{4}{6}, \frac{4}{8}, \frac{2}{6}$

4. The descending order of $\frac{1}{2}, \frac{2}{4}, \frac{2}{4}, \frac{3}{6}, \frac{2}{4}, \frac{5}{9}$ is

- (i) $\frac{1}{2}, \frac{2}{4}, \frac{2}{4}, \frac{2}{4}, \frac{5}{9}, \frac{3}{6}$
- (ii) $\frac{3}{6}, \frac{2}{4}, \frac{1}{2}, \frac{2}{4}, \frac{2}{4}, \frac{5}{9}$

- (iii) $\frac{5}{9}, \frac{3}{6}, \frac{1}{2}, \frac{2}{4}, \frac{2}{4}, \frac{2}{4}$
 (iv) $\frac{2}{4}, \frac{2}{4}, \frac{5}{9}, \frac{3}{6}, \frac{1}{2}, \frac{2}{4}$
 (v) $\frac{5}{9}, \frac{2}{4}, \frac{2}{4}, \frac{3}{6}, \frac{2}{4}, \frac{1}{2}$
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5. The ascending order of $\frac{1}{2}, \frac{1}{2}, \frac{2}{9}, \frac{1}{3}, \frac{4}{6}, \frac{4}{5}$ is

- (i) $\frac{1}{2}, \frac{2}{9}, \frac{4}{5}, \frac{1}{3}, \frac{4}{6}, \frac{1}{2}$
 (ii) $\frac{1}{2}, \frac{1}{3}, \frac{4}{5}, \frac{4}{6}, \frac{1}{2}, \frac{2}{9}$
 (iii) $\frac{1}{2}, \frac{2}{9}, \frac{1}{2}, \frac{4}{5}, \frac{1}{3}, \frac{4}{6}$
 (iv) $\frac{2}{9}, \frac{1}{3}, \frac{1}{2}, \frac{1}{2}, \frac{4}{6}, \frac{4}{5}$
 (v) $\frac{4}{5}, \frac{1}{2}, \frac{2}{9}, \frac{4}{6}, \frac{1}{2}, \frac{1}{3}$
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6. The descending order of $\frac{3}{5}, \frac{2}{5}, \frac{1}{2}, \frac{4}{5}, \frac{2}{4}, \frac{1}{9}$ is

- (i) $\frac{1}{9}, \frac{2}{5}, \frac{2}{4}, \frac{1}{2}, \frac{3}{5}, \frac{4}{5}$
 (ii) $\frac{1}{2}, \frac{4}{5}, \frac{2}{4}, \frac{3}{5}, \frac{1}{9}, \frac{2}{5}$
 (iii) $\frac{4}{5}, \frac{3}{5}, \frac{1}{2}, \frac{2}{4}, \frac{2}{5}, \frac{1}{9}$
 (iv) $\frac{1}{9}, \frac{2}{4}, \frac{4}{5}, \frac{1}{2}, \frac{2}{5}, \frac{3}{5}$
 (v) $\frac{1}{2}, \frac{3}{5}, \frac{2}{4}, \frac{4}{5}, \frac{2}{5}, \frac{1}{9}$
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7. The ascending order of $\frac{2}{6}, \frac{5}{7}, \frac{6}{8}, \frac{1}{2}, \frac{3}{6}, \frac{4}{6}$ is

- (i) $\frac{2}{6}, \frac{4}{6}, \frac{6}{8}, \frac{1}{2}, \frac{3}{6}, \frac{5}{7}$
 (ii) $\frac{5}{7}, \frac{6}{8}, \frac{2}{6}, \frac{1}{2}, \frac{3}{6}, \frac{4}{6}$
 (iii) $\frac{2}{6}, \frac{3}{6}, \frac{1}{2}, \frac{5}{7}, \frac{4}{6}, \frac{6}{8}$
 (iv) $\frac{2}{6}, \frac{1}{2}, \frac{3}{6}, \frac{4}{6}, \frac{5}{7}, \frac{6}{8}$
 (v) $\frac{5}{7}, \frac{3}{6}, \frac{4}{6}, \frac{6}{8}, \frac{2}{6}, \frac{1}{2}$
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8. The descending order of $\frac{2}{3}, \frac{7}{9}, \frac{5}{6}, \frac{3}{4}, \frac{3}{7}, \frac{5}{7}$ is

- (i) $\frac{5}{6}, \frac{7}{9}, \frac{3}{4}, \frac{5}{7}, \frac{2}{3}, \frac{3}{7}$
 (ii) $\frac{5}{7}, \frac{3}{7}, \frac{5}{6}, \frac{2}{3}, \frac{7}{9}, \frac{3}{4}$
 (iii) $\frac{5}{7}, \frac{3}{4}, \frac{5}{6}, \frac{7}{9}, \frac{3}{7}, \frac{2}{3}$

(iv) $\frac{3}{4}, \frac{5}{7}, \frac{3}{7}, \frac{2}{3}, \frac{5}{6}, \frac{7}{9}$

(v) $\frac{5}{6}, \frac{5}{7}, \frac{2}{3}, \frac{3}{4}, \frac{7}{9}, \frac{3}{7}$

Assignment Key

- 1) (i)
- 2) (iv)
- 3) (iv)
- 4) (v)
- 5) (iv)
- 6) (iii)
- 7) (iv)
- 8) (i)