

Comparing Fractions

1. Which fraction is smaller?

i. $\frac{6}{7}$ or $\frac{5}{8}$

ii. $\frac{11}{12}$ or $\frac{5}{6}$

iii. $\frac{7}{8}$ or $\frac{5}{9}$

iv. $\frac{7}{15}$ or $\frac{13}{20}$

2. Which fraction is greater?

i. $\frac{5}{7}$ or $\frac{7}{8}$

ii. $\frac{5}{3}$ or $\frac{10}{6}$

iii. $\frac{4}{9}$ or $\frac{7}{11}$

iv. $\frac{5}{10}$ or $\frac{7}{10}$

3. Put >, <, = in the blank boxes:

a. $\frac{1}{15}$ $\frac{9}{9}$

b. $\frac{2}{17}$ $\frac{15}{17}$

c. $\frac{5}{6}$ $\frac{3}{4}$

d. $\frac{3}{7}$ $\frac{6}{14}$

e. $\frac{2}{7}$ $\frac{3}{7}$

f. $\frac{4}{9}$ $\frac{8}{18}$

4. Arrange the following like fractions in an ascending order.

i. $\frac{12}{25}, \frac{11}{25}, \frac{16}{25}, \frac{9}{25}, \frac{8}{25}$

ii. $\frac{13}{17}, \frac{6}{17}, \frac{1}{17}, \frac{2}{17}, \frac{7}{17}$

5. Arrange the following like fractions in the descending order.

i. $\frac{17}{72}, \frac{15}{72}, \frac{39}{72}, \frac{31}{72}, \frac{10}{72}$

ii. $\frac{7}{18}, \frac{1}{18}, \frac{6}{18}, \frac{9}{18}, \frac{10}{18}$

6. Arrange the following unlike fractions in the ascending order.

i. $\frac{4}{5}, \frac{3}{15}, \frac{1}{2}, \frac{9}{10}$

ii. $\frac{7}{11}, \frac{3}{22}, \frac{5}{66}, \frac{7}{33}$

7. Arrange the following unlike fractions in the descending order.

i. $\frac{1}{2}, \frac{1}{3}, \frac{7}{30}, \frac{2}{15}$

ii. $\frac{3}{8}, \frac{1}{16}, \frac{5}{32}, \frac{7}{4}$

8. Compare $\frac{3}{5}$ and $\frac{5}{7}$ _____

9. Arrange the following in ascending order.

(i) $\frac{2}{3}, \frac{3}{9}, \frac{5}{7}, \frac{7}{12}, \frac{1}{21}$ _____

(ii) $\frac{5}{9}, \frac{3}{12}, \frac{1}{3}, \frac{4}{15}, \frac{7}{18}$ _____

10. Arrange the following in descending order.

(i) $\frac{4}{5}, \frac{5}{10}, \frac{6}{15}, \frac{7}{20}, \frac{8}{25}$ _____

(ii) $\frac{11}{13}, \frac{1}{39}, \frac{2}{13}, \frac{10}{26}, \frac{5}{65}$ _____

11. Mr Rajan exercised for $\frac{3}{6}$ of an hour, while Mr Shivraj exercised for $\frac{3}{4}$ of an hour.
Who exercised for longer?

12. Sanjana covered $\frac{2}{3}$ of her journey on Monday, $\frac{1}{5}$ on Tuesday, and $\frac{2}{15}$ on Wednesday. Find on which day she covered the major part of her journey.

13. Neelima read 25 pages of a story book containing 100 pages. Shalini read $\frac{2}{5}$ of the story book. Who read more?