



Comparing and Ordering of Fractions

A. Choose the Correct Answer:

1. Which fraction is greater?

a) $\frac{2}{5}$
c) $\frac{3}{10}$

b) $\frac{1}{2}$
d) $\frac{4}{10}$

2. Which of the following fractions is the smallest?

a) $\frac{1}{3}$
c) $\frac{2}{3}$

b) $\frac{1}{2}$
d) $\frac{3}{4}$

3. Which of the following is correct?

a) $\frac{2}{5} > \frac{3}{5}$
c) $\frac{3}{6} = \frac{1}{2}$

b) $\frac{1}{4} < \frac{3}{8}$
d) $\frac{5}{8} < \frac{4}{8}$

4. To compare fractions with the same denominator, we compare:

- a) Denominators only
c) Both (a) and (b)

- b) Numerators only
d) Multiply both

5. Which set of fractions is in ascending order?

a) $\frac{3}{4}, \frac{1}{2}, \frac{1}{4}$
c) $\frac{2}{3}, \frac{1}{2}, \frac{3}{4}$

b) $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}$
d) $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}$

B. Write the Missing Terms to Complete the Sentences:

- To compare fractions with different denominators, we make the denominators _____.
- $\frac{3}{6}$ is _____ to $\frac{1}{2}$.
- When ordering fractions from smallest to largest, it is called _____ order.
- $\frac{5}{8}$ is _____ than $\frac{1}{2}$.
- Among $\frac{1}{3}, \frac{2}{3}$, and $\frac{1}{2}$, the _____ is the greatest.

C. Figure out the answers to these questions:

- Arrange the following fractions in descending order: $\frac{5}{6}, \frac{1}{2}, \frac{2}{3}, \frac{1}{3}$
- Compare using $<$, $>$ or $=$ $\frac{3}{4}$ _____ $\frac{2}{3}$
- Use a number line to show and compare $\frac{1}{4}, \frac{1}{2}$, and $\frac{3}{4}$



4. Write two fractions with different denominators that are equal.

5. Arrange in ascending order: $\frac{2}{5}, \frac{3}{10}, \frac{1}{2}, \frac{4}{5}$

D. Mark each sentence with a True (✓) or False (X):

1. $\frac{1}{2}$ is greater than $\frac{3}{4}$.

☐

2. Fractions with the same numerator can be compared by comparing denominators.

☐

3. $\frac{5}{8}$ is less than $\frac{4}{8}$.

☐

4. $\frac{1}{4}$ and $\frac{2}{8}$ are equal.

☐

5. To order fractions, we must always convert them to decimals first.

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E. Challenge yourself with these questions:

1. Compare $\frac{7}{10}$ and $\frac{3}{5}$ by converting them to like denominators.

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

3. Find the greatest and the smallest among: $\frac{4}{6}, \frac{3}{4}, \frac{5}{8}$

4. Which is smaller: $\frac{3}{10}$ or $\frac{2}{5}$? Explain how you found the answer.

5. Compare the following pairs and mark which one is greater:

a) $\frac{4}{7}$ or $\frac{5}{9}$

b) $\frac{2}{3}$ or $\frac{3}{5}$

6. Create a board game question that asks students to place three fractions in order to move forward.

G. 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.

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