

# Compare and Order Fractions and Mixed Numbers

Compare the fractions and write <, >, or = to make the equations correct.

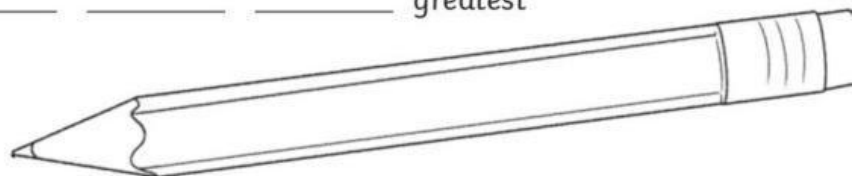
|                                                          |                                                           |                                                          |                                                           |
|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|
| 1.<br>$\frac{1}{4}$ <input type="text"/> $\frac{6}{12}$  | 2.<br>$\frac{11}{9}$ <input type="text"/> $\frac{5}{9}$   | 3.<br>$\frac{7}{8}$ <input type="text"/> $\frac{3}{4}$   | 4.<br>$1\frac{1}{2}$ <input type="text"/> $\frac{12}{8}$  |
| 5.<br>$\frac{2}{3}$ <input type="text"/> $\frac{6}{9}$   | 6.<br>$\frac{10}{11}$ <input type="text"/> $\frac{12}{5}$ | 7.<br>$2\frac{1}{4}$ <input type="text"/> $\frac{6}{3}$  | 8.<br>$\frac{5}{7}$ <input type="text"/> $\frac{4}{2}$    |
| 9.<br>$3\frac{1}{3}$ <input type="text"/> $\frac{12}{4}$ | 10.<br>$\frac{4}{9}$ <input type="text"/> $\frac{2}{3}$   | 11.<br>$\frac{8}{6}$ <input type="text"/> $1\frac{1}{4}$ | 12.<br>$1\frac{1}{5}$ <input type="text"/> $1\frac{1}{8}$ |

Order the fractions from least to greatest.

13.  $1\frac{1}{2}$     $\frac{1}{12}$     $\frac{18}{6}$     $\frac{9}{12}$     $2\frac{1}{3}$   
 least \_\_\_\_\_ greatest

14.  $\frac{15}{10}$     $3\frac{1}{2}$     $\frac{9}{10}$     $\frac{11}{5}$     $\frac{1}{2}$   
 least \_\_\_\_\_ greatest

15.  $\frac{1}{5}$     $\frac{14}{10}$     $\frac{6}{5}$     $1\frac{1}{2}$     $\frac{12}{4}$   
 least \_\_\_\_\_ greatest



# Add Mixed Numbers

To add mixed numbers.



1) Add these mixed fractions by adding the whole numbers first. An example is provided.

$$\begin{aligned} &1\frac{1}{4} + 2\frac{1}{8} \\ 1 + 2 &= 3 \quad \frac{1}{4} + \frac{1}{8} = \frac{2}{8} + \frac{1}{8} = \frac{3}{8} \\ 3 + \frac{3}{8} &= 3\frac{3}{8} \end{aligned}$$

a)  $2\frac{1}{5} + 3\frac{3}{5} =$

b)  $4\frac{1}{5} + 1\frac{3}{10} =$

2) Add these mixed fractions by changing to an improper fraction first. An example is provided.

$$\begin{aligned} &2\frac{1}{3} + 3\frac{3}{6} \\ \frac{7}{3} + \frac{21}{6} &= \frac{14}{6} + \frac{21}{6} = \frac{35}{6} \\ \frac{35}{6} &= 5\frac{5}{6} \end{aligned}$$

a)  $3\frac{2}{6} + 2\frac{1}{6} =$

b)  $2\frac{1}{8} + 1\frac{1}{4} =$