

Compare and Order Fractions and Mixed Numbers

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

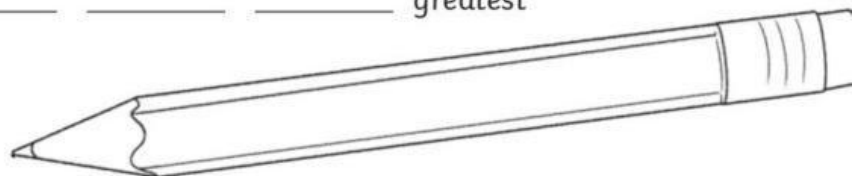
1. $\frac{1}{4}$ $\frac{6}{12}$	2. $\frac{11}{9}$ $\frac{5}{9}$	3. $\frac{7}{8}$ $\frac{3}{4}$	4. $1\frac{1}{2}$ $\frac{12}{8}$
5. $\frac{2}{3}$ $\frac{6}{9}$	6. $\frac{10}{11}$ $\frac{12}{5}$	7. $2\frac{1}{4}$ $\frac{6}{3}$	8. $\frac{5}{7}$ $\frac{4}{2}$
9. $3\frac{1}{3}$ $\frac{12}{4}$	10. $\frac{4}{9}$ $\frac{2}{3}$	11. $\frac{8}{6}$ $1\frac{1}{4}$	12. $1\frac{1}{5}$ $1\frac{1}{8}$

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