Name: ..... Class: .....

Compare fractions and mixed numbers

Which sign makes the following statements true. Complete with <, >, or =.

$5\frac{2}{4}$ ☐ $4\frac{1}{4}$

$10\frac{5}{9}$ ☐ $10\frac{12}{15}$

$4\frac{1}{4}$ ☐ $4\frac{1}{4}$

$91\frac{1}{2}$ ☐ $91\frac{1}{2}$

$6\frac{2}{5}$ ☐ $6\frac{3}{4}$

$99\frac{1}{2}$ ☐ $100\frac{1}{2}$

$4\frac{2}{3}$ ☐ $4\frac{2}{3}$

$\frac{1}{2}$ ☐ $\frac{2}{5}$

$57\frac{9}{10}$ ☐ $57\frac{8}{10}$

$3\frac{11}{7}$ ☐ $2\frac{5}{9}$

$29\frac{5}{8}$ ☐ $22\frac{1}{4}$

$\frac{59}{60}$ ☐ $\frac{71}{91}$

$1\frac{2}{3}$ ☐ $2\frac{2}{3}$

$12\frac{1}{4}$ ☐ $45\frac{1}{2}$

$121\frac{3}{4}$ ☐ $121\frac{2}{5}$

$20\frac{1}{2}$ ☐ $20\frac{1}{3}$

$17\frac{7}{11}$ ☐ $17\frac{7}{11}$

Solution

Name: ..... Class: .....

Compare fractions and mixed numbers

Which sign makes the following statements true. Complete with <, >, or =.

$5\frac{2}{4}$ ☐ $4\frac{1}{4}$

Let's compare the whole numbers first.

$5 > 4$

So, $5\frac{2}{4}$ **>** $4\frac{1}{4}$

$10\frac{5}{9}$ ☐ $10\frac{12}{15}$

Since the whole numbers are the same we compare the fractions. $\frac{5}{9} < \frac{12}{15}$

So, $10\frac{5}{9}$ **<** $10\frac{12}{15}$

$4\frac{1}{4}$ **=** $4\frac{1}{4}$

$91\frac{1}{2}$ **=** $91\frac{1}{2}$

$6\frac{2}{5}$ **<** $6\frac{3}{4}$

$99\frac{1}{2}$ **<** $100\frac{1}{2}$

$4\frac{2}{3}$ **=** $4\frac{2}{3}$

$\frac{1}{2}$ **>** $\frac{2}{5}$

$57\frac{9}{10}$ **>** $57\frac{8}{10}$

$3\frac{11}{7}$ **>** $2\frac{5}{9}$

$29\frac{5}{8}$ **>** $22\frac{1}{4}$

$\frac{59}{60}$ **>** $\frac{71}{91}$

$1\frac{2}{3}$ **<** $2\frac{2}{3}$

$12\frac{1}{4}$ **<** $45\frac{1}{2}$

$121\frac{3}{4}$ **>** $121\frac{2}{5}$

$20\frac{1}{2}$ **<** $20\frac{1}{3}$

$17\frac{7}{11}$ **=** $17\frac{7}{11}$