Ordering fractions

Write the fractions in order from least to greatest.

Name _____ Date _____

1. $\frac{3}{10}$, $\frac{3}{4}$, $\frac{3}{8}$

Least _____ greatest

2. $\frac{1}{8}$, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$

Least _____ greatest

3. $\frac{1}{6}$, $\frac{11}{12}$, $\frac{1}{3}$, $\frac{7}{8}$

Least _____ greatest

4. $\frac{2}{3}$, $\frac{1}{2}$, $\frac{5}{6}$, $\frac{3}{4}$

Least _____ greatest

5. $\frac{1}{6}$, $\frac{7}{12}$, $\frac{3}{4}$, $\frac{1}{3}$

Least _____ greatest

6. $\frac{5}{6}$, $\frac{2}{3}$, $\frac{11}{12}$, $\frac{5}{8}$

Least _____ greatest

7. $\frac{2}{3}$, $\frac{3}{4}$, $\frac{1}{8}$

Least _____ greatest

8. $\frac{1}{8}$, $\frac{5}{6}$, $\frac{3}{4}$

Least _____ greatest

9. $\frac{1}{5}$, $\frac{1}{12}$, $\frac{1}{6}$

Least _____ greatest

10. $\frac{2}{3}$, $\frac{5}{6}$, $\frac{1}{4}$, $\frac{1}{8}$

Least _____ greatest

Ordering fractions: answer key

Each answer in colour, with how it was decided.

1. $\frac{3}{10}, \frac{3}{4}, \frac{3}{8}$

$\frac{3}{10} < \frac{3}{8} < \frac{3}{4}$

Same top: larger bottom, smaller fraction.

2. $\frac{1}{8}, \frac{1}{2}, \frac{1}{4}, \frac{1}{3}$

$\frac{1}{8} < \frac{1}{4} < \frac{1}{3} < \frac{1}{2}$

$\frac{3}{24} < \frac{6}{24} < \frac{8}{24} < \frac{12}{24}$

3. $\frac{1}{6}, \frac{11}{12}, \frac{1}{3}, \frac{7}{8}$

$\frac{1}{6} < \frac{1}{3} < \frac{7}{8} < \frac{11}{12}$

$\frac{4}{24} < \frac{8}{24} < \frac{21}{24} < \frac{22}{24}$

4. $\frac{2}{3}, \frac{1}{2}, \frac{5}{6}, \frac{3}{4}$

$\frac{1}{2} < \frac{2}{3} < \frac{3}{4} < \frac{5}{6}$

$\frac{6}{12} < \frac{8}{12} < \frac{9}{12} < \frac{10}{12}$

5. $\frac{1}{6}, \frac{7}{12}, \frac{3}{4}, \frac{1}{3}$

$\frac{1}{6} < \frac{1}{3} < \frac{7}{12} < \frac{3}{4}$

$\frac{2}{12} < \frac{4}{12} < \frac{7}{12} < \frac{9}{12}$

6. $\frac{5}{6}, \frac{2}{3}, \frac{11}{12}, \frac{5}{8}$

$\frac{5}{8} < \frac{2}{3} < \frac{5}{6} < \frac{11}{12}$

$\frac{15}{24} < \frac{16}{24} < \frac{20}{24} < \frac{22}{24}$

7. $\frac{2}{3}, \frac{3}{4}, \frac{1}{8}$

$\frac{1}{8} < \frac{2}{3} < \frac{3}{4}$

$\frac{3}{24} < \frac{16}{24} < \frac{18}{24}$

8. $\frac{1}{8}, \frac{5}{6}, \frac{3}{4}$

$\frac{1}{8} < \frac{3}{4} < \frac{5}{6}$

$\frac{3}{24} < \frac{18}{24} < \frac{20}{24}$

9. $\frac{1}{5}, \frac{1}{12}, \frac{1}{6}$

$\frac{1}{12} < \frac{1}{6} < \frac{1}{5}$

Same top: larger bottom, smaller fraction.

10. $\frac{2}{3}, \frac{5}{6}, \frac{1}{4}, \frac{1}{8}$

$\frac{1}{8} < \frac{1}{4} < \frac{2}{3} < \frac{5}{6}$

$\frac{3}{24} < \frac{6}{24} < \frac{16}{24} < \frac{20}{24}$