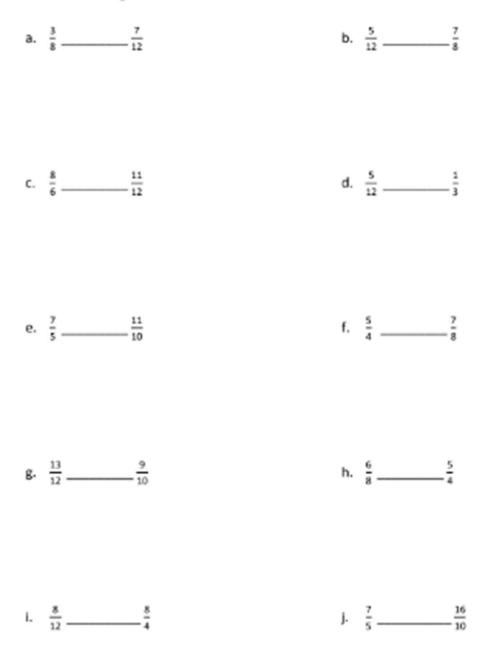# Compare Fraction Worksheets
(using Benchmarks on the Number Line)

5. Compare the fractions given below by writing > or < on the lines. Give a brief explanation for each answer referring to benchmarks.

a. $\frac{3}{8}$ _____ $\frac{7}{12}$

b. $\frac{5}{12}$ _____ $\frac{7}{8}$

c. $\frac{8}{6}$ _____ $\frac{11}{12}$

d. $\frac{5}{12}$ _____ $\frac{1}{3}$

e. $\frac{7}{5}$ _____ $\frac{11}{10}$

f. $\frac{5}{4}$ _____ $\frac{7}{8}$

g. $\frac{13}{12}$ _____ $\frac{9}{10}$

h. $\frac{6}{8}$ _____ $\frac{5}{4}$

i. $\frac{8}{12}$ _____ $\frac{8}{4}$

j. $\frac{7}{5}$ _____ $\frac{16}{10}$

5. Compare the fractions given below by writing > or < on the lines.
   Give a brief explanation for each answer referring to benchmarks.

a. $\frac{3}{8}$ __<__ $\frac{7}{12}$

$\frac{3}{8}$ is $\frac{1}{8}$ less than $\frac{1}{2}$

$\frac{7}{12}$ is $\frac{1}{12}$ more than $\frac{1}{2}$

b. $\frac{5}{12}$ __<__ $\frac{7}{8}$

$\frac{5}{12}$ is less than $\frac{1}{2}$

$\frac{7}{8}$ is almost 1

c. $\frac{8}{6}$ __>__ $\frac{11}{12}$

$\frac{8}{6}$ is greater than 1.

$\frac{11}{12}$ is less than 1.

d. $\frac{5}{12}$ __>__ $\frac{1}{3}$

$\frac{5}{12}$ is closer to $\frac{1}{2}$.

e. $\frac{7}{5}$ __>__ $\frac{11}{10}$

$\frac{11}{10}$ is closer to 1.

f. $\frac{5}{4}$ __>__ $\frac{7}{8}$

$\frac{5}{4}$ is greater than 1.

$\frac{7}{8}$ is less than 1.

g. $\frac{13}{12}$ __>__ $\frac{9}{10}$

$\frac{13}{12}$ is greater than 1.

$\frac{9}{10}$ is less than 1.

h. $\frac{6}{8}$ __<__ $\frac{5}{4}$

$\frac{5}{4}$ is greater than 1.

$\frac{6}{8}$ is less than 1.

i. $\frac{8}{12}$ __<__ $\frac{8}{4}$

$\frac{8}{12}$ is less than 1

$\frac{8}{4}$ is equal to 2.

j. $\frac{7}{5}$ __<__ $\frac{16}{10}$

$\frac{7}{5}$ is less than $1\frac{1}{2}$

$\frac{16}{10}$ is greater than $1\frac{1}{2}$