Write *<*, >, or = for each inequality.

1. $\frac{3}{4}\_{} \frac{10}{12}$ b. $\frac{1}{2} \frac{3}{6}$ c. $\frac{4}{7} \frac{9}{14}$ d. $\frac{2}{6} \frac{3}{12}$

 e. $\frac{6}{10} \frac{6}{20}$ f. $\frac{2}{3} \frac{4}{9}$ g. $\frac{1}{3} \frac{3}{10}$ h. $\frac{6}{9} \frac{12}{18}$

 i. $\frac{4}{5} \frac{16}{20}$ j. $\frac{1}{3} \frac{1}{6}$ k. $\frac{1}{4} \frac{6}{24}$ l. $\frac{7}{9} \frac{10}{18}$

Determine whether the statement is either *True* or *False.*

1. $\frac{3}{4}\_{} > \frac{8}{12}$ \_\_\_\_\_\_\_\_ b. $\frac{1}{3} > \frac{3}{6}$ \_\_\_\_\_\_\_\_

 c. $\frac{2}{7} < \frac{5}{14}$ \_\_\_\_\_\_\_\_ d. $\frac{5}{6} > \frac{11}{12}$ \_\_\_\_\_\_\_\_

 e. $\frac{7}{10} < \frac{13}{20}$ \_\_\_\_\_\_\_\_ f. $\frac{3}{4} <\frac{14}{ 16}$ \_\_\_\_\_\_\_\_

Using any diagram, show that these pairs of fractions are equivalent.

1. $\frac{6}{8}=\frac{3}{4}$
2. $\frac{1}{5}=\frac{2}{10}$
3. $\frac{3}{9}=\frac{1}{3}$