

Name \_\_\_\_\_

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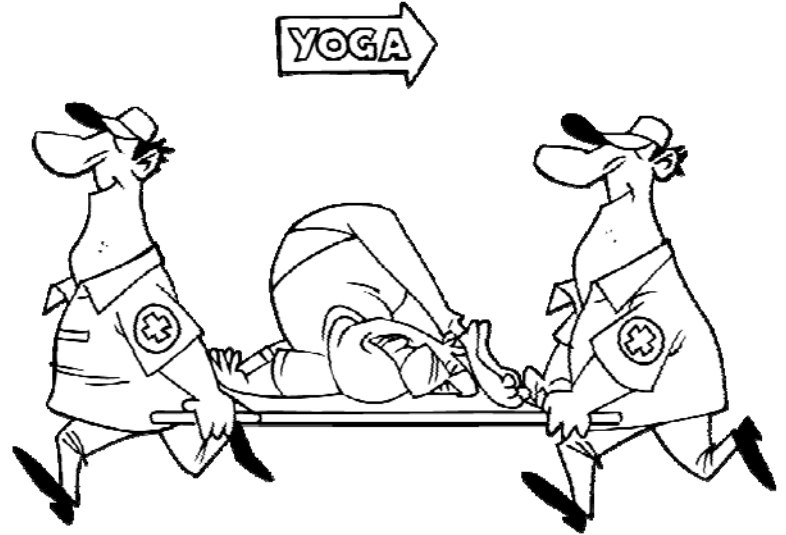
**Comparing Like Fractions- Step-by-Step Lesson**

Compare the following numbers using the symbols  $>$ ,  $<$ , or  $=$ .

a)  $\frac{7}{4}$  ,  $\frac{5}{4}$

b)  $\frac{8}{3}$  ,  $\frac{8}{3}$

c)  $\frac{9}{2}$  ,  $\frac{5}{2}$



**Explanation:** The denominators in all fractions are same, so they do not need to be reworked. Now we have to compare numerators of both fractions. The best way to remember this is to see if they are both equal. If they are, write an equal symbol. If they are not equal, point the arrow to the smaller number.

Step 3a)  $\frac{7}{4}$  ,  $\frac{5}{4}$

Compare numerators of both fractions. Since 7 is greater than 5, the answer is

$$\frac{7}{4} > \frac{5}{4}$$



Name \_\_\_\_\_

Date \_\_\_\_\_

b)  $\frac{8}{3}, \frac{8}{3}$

After observing both fractions, we conclude that the numerators are also the same. So answer is

$$\frac{8}{3} = \frac{8}{3}$$

c)  $\frac{5}{2}, \frac{9}{2}$

After comparing numerators of both fractions, we find that 9 is greater than 5. So, answer is

$$\frac{5}{2} < \frac{9}{2}$$

