Name:_____ Date:_____

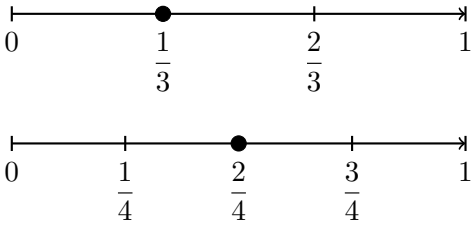
Instructions

Plot each pair of fractions on number lines. Then write $<$, $>$, or $=$ between them to show which fraction is greater or if they are equal.

Example

Problem: $\frac{1}{3}, \frac{2}{4}$

Plot the fractions on separate, equal length number lines (if the denominators were the same, we could use the same number line).



Answer: $\frac{1}{3} < \frac{2}{4}$ because $\frac{1}{3}$ is to the left of $\frac{2}{4}$ on the number line.

1. $\frac{1}{3}, \frac{2}{3}$
2. $\frac{1}{2}, \frac{3}{4}$
3. $\frac{2}{5}, \frac{3}{5}$
4. $\frac{1}{4}, \frac{1}{2}$
5. $\frac{2}{6}, \frac{1}{3}$
6. $\frac{2}{4}, \frac{1}{2}$
7. $\frac{3}{6}, \frac{1}{2}$
8. $\frac{1}{8}, \frac{3}{8}$
9. $\frac{5}{10}, \frac{1}{2}$
10. $\frac{4}{6}, \frac{2}{3}$
11. $\frac{2}{10}, \frac{1}{5}$
12. $\frac{3}{4}, \frac{6}{8}$
13. $\frac{2}{8}, \frac{1}{4}$
14. $\frac{3}{10}, \frac{1}{3}$
15. $\frac{4}{12}, \frac{1}{3}$
16. $\frac{6}{12}, \frac{1}{2}$
17. $\frac{4}{5}, \frac{8}{10}$
18. $\frac{6}{10}, \frac{3}{5}$
19. $\frac{3}{12}, \frac{1}{4}$
20. $\frac{9}{12}, \frac{3}{4}$
21. $\frac{1}{6}, \frac{2}{12}$
22. $\frac{1}{10}, \frac{3}{10}$
23. $\frac{5}{6}, \frac{4}{6}$
24. $\frac{7}{8}, \frac{6}{8}$
25. $\frac{8}{10}, \frac{9}{10}$
26. $\frac{3}{6}, \frac{1}{2}$
27. $\frac{2}{8}, \frac{1}{4}$
28. $\frac{2}{5}, \frac{4}{10}$
29. $\frac{2}{6}, \frac{4}{12}$
30. $\frac{0}{4}, \frac{0}{8}$
31. $\frac{3}{4}, \frac{2}{3}$
32. $\frac{4}{5}, \frac{5}{6}$
33. $\frac{2}{3}, \frac{3}{5}$
34. $\frac{1}{3}, \frac{3}{10}$
35. $\frac{3}{8}, \frac{2}{5}$
36. $\frac{5}{12}, \frac{3}{8}$