

Comparing Improper and Mixed Fractions (J)

Name: _____

Date: _____

Score: _____

Compare each pair of fractions using a <, > or = sign.

1. $\frac{3}{2} \square 2\frac{3}{5}$

2. $1\frac{2}{8} \square 1\frac{1}{2}$

3. $1\frac{2}{3} \square \frac{15}{9}$

4. $\frac{3}{2} \square \frac{15}{7}$

5. $\frac{15}{8} \square \frac{16}{6}$

6. $\frac{3}{2} \square \frac{11}{7}$

7. $\frac{9}{5} \square \frac{20}{9}$

8. $\frac{21}{8} \square \frac{20}{7}$

9. $\frac{21}{8} \square \frac{3}{2}$

10. $2\frac{3}{4} \square \frac{24}{9}$

11. $1\frac{1}{9} \square \frac{5}{2}$

12. $2\frac{5}{6} \square \frac{3}{2}$

13. $\frac{10}{6} \square \frac{16}{6}$

14. $\frac{10}{8} \square 2\frac{3}{4}$

15. $2\frac{1}{6} \square \frac{16}{6}$

16. $2\frac{1}{5} \square \frac{7}{4}$

17. $2\frac{1}{2} \square \frac{8}{3}$

18. $2\frac{6}{8} \square \frac{8}{6}$

19. $\frac{8}{3} \square 1\frac{4}{9}$

20. $\frac{13}{7} \square 1\frac{3}{7}$

21. $\frac{6}{4} \square \frac{5}{2}$

22. $1\frac{5}{6} \square \frac{17}{7}$

23. $1\frac{1}{3} \square 2\frac{1}{4}$

24. $2\frac{5}{6} \square \frac{8}{5}$

25. $\frac{10}{4} \square 2\frac{3}{9}$

26. $\frac{4}{3} \square 2\frac{4}{7}$

27. $2\frac{1}{4} \square 1\frac{6}{7}$

28. $\frac{3}{2} \square 2\frac{1}{2}$

29. $2\frac{6}{9} \square \frac{8}{3}$

30. $2\frac{4}{7} \square \frac{11}{5}$

31. $1\frac{1}{2} \square 1\frac{1}{3}$

32. $2\frac{2}{5} \square 1\frac{1}{2}$

33. $\frac{13}{8} \square \frac{14}{8}$

34. $1\frac{3}{8} \square \frac{12}{9}$

35. $\frac{9}{6} \square \frac{12}{5}$

36. $2\frac{5}{9} \square 2\frac{1}{2}$

37. $1\frac{8}{9} \square 1\frac{2}{3}$

38. $2\frac{1}{6} \square \frac{15}{7}$

39. $2\frac{6}{8} \square 2\frac{2}{9}$

40. $\frac{13}{7} \square 1\frac{2}{4}$

41. $1\frac{1}{5} \square 1\frac{6}{8}$

42. $2\frac{2}{3} \square \frac{7}{5}$

43. $\frac{14}{5} \square \frac{5}{2}$

44. $\frac{20}{8} \square 1\frac{2}{8}$

45. $\frac{7}{5} \square \frac{8}{3}$

46. $\frac{16}{9} \square \frac{4}{3}$

47. $1\frac{1}{9} \square \frac{5}{4}$

48. $1\frac{1}{2} \square \frac{12}{5}$

49. $2\frac{4}{5} \square \frac{4}{3}$

50. $\frac{3}{2} \square 1\frac{1}{9}$

Comparing Improper and Mixed Fractions (J) Answers

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Compare each pair of fractions using a $<$, $>$ or $=$ sign.

1. $\frac{3}{2} < 2\frac{3}{5}$

2. $1\frac{2}{8} < 1\frac{1}{2}$

3. $1\frac{2}{3} = \frac{15}{9}$

4. $\frac{3}{2} < \frac{15}{7}$

5. $\frac{15}{8} < \frac{16}{6}$

6. $\frac{3}{2} < \frac{11}{7}$

7. $\frac{9}{5} < \frac{20}{9}$

8. $\frac{21}{8} < \frac{20}{7}$

9. $\frac{21}{8} > \frac{3}{2}$

10. $2\frac{3}{4} > \frac{24}{9}$

11. $1\frac{1}{9} < \frac{5}{2}$

12. $2\frac{5}{6} > \frac{3}{2}$

13. $\frac{10}{6} < \frac{16}{6}$

14. $\frac{10}{8} < 2\frac{3}{4}$

15. $2\frac{1}{6} < \frac{16}{6}$

16. $2\frac{1}{5} > \frac{7}{4}$

17. $2\frac{1}{2} < \frac{8}{3}$

18. $2\frac{6}{8} > \frac{8}{6}$

19. $\frac{8}{3} > 1\frac{4}{9}$

20. $\frac{13}{7} > 1\frac{3}{7}$

21. $\frac{6}{4} < \frac{5}{2}$

22. $1\frac{5}{6} < \frac{17}{7}$

23. $1\frac{1}{3} < 2\frac{1}{4}$

24. $2\frac{5}{6} > \frac{8}{5}$

25. $\frac{10}{4} > 2\frac{3}{9}$

26. $\frac{4}{3} < 2\frac{4}{7}$

27. $2\frac{1}{4} > 1\frac{6}{7}$

28. $\frac{3}{2} < 2\frac{1}{2}$

29. $2\frac{6}{9} = \frac{8}{3}$

30. $2\frac{4}{7} > \frac{11}{5}$

31. $1\frac{1}{2} > 1\frac{1}{3}$

32. $2\frac{2}{5} > 1\frac{1}{2}$

33. $\frac{13}{8} < \frac{14}{8}$

34. $1\frac{3}{8} > \frac{12}{9}$

35. $\frac{9}{6} < \frac{12}{5}$

36. $2\frac{5}{9} > 2\frac{1}{2}$

37. $1\frac{8}{9} > 1\frac{2}{3}$

38. $2\frac{1}{6} > \frac{15}{7}$

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41. $1\frac{1}{5} < 1\frac{6}{8}$

42. $2\frac{2}{3} > \frac{7}{5}$

43. $\frac{14}{5} > \frac{5}{2}$

44. $\frac{20}{8} > 1\frac{2}{8}$

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48. $1\frac{1}{2} < \frac{12}{5}$

49. $2\frac{4}{5} > \frac{4}{3}$

50. $\frac{3}{2} > 1\frac{1}{9}$