

Comparing Proper and Improper Fractions (A)

Name: _____

Date: _____

Score: _____

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

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

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

3. $\frac{1}{3} \square \frac{9}{6}$

4. $\frac{11}{8} \square \frac{9}{11}$

5. $\frac{15}{8} \square \frac{11}{12}$

6. $\frac{7}{10} \square \frac{2}{11}$

7. $\frac{9}{6} \square \frac{1}{2}$

8. $\frac{11}{7} \square \frac{1}{7}$

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

10. $\frac{13}{7} \square \frac{2}{8}$

11. $\frac{7}{5} \square \frac{1}{2}$

12. $\frac{3}{4} \square \frac{4}{3}$

13. $\frac{3}{2} \square \frac{7}{8}$

14. $\frac{4}{5} \square \frac{1}{3}$

15. $\frac{4}{10} \square \frac{9}{5}$

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

17. $\frac{3}{6} \square \frac{18}{12}$

18. $\frac{2}{9} \square \frac{5}{12}$

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

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

21. $\frac{7}{4} \square \frac{8}{10}$

22. $\frac{3}{5} \square \frac{1}{10}$

23. $\frac{1}{3} \square \frac{10}{11}$

24. $\frac{1}{3} \square \frac{4}{7}$

25. $\frac{19}{12} \square \frac{13}{12}$

26. $\frac{5}{3} \square \frac{13}{9}$

27. $\frac{15}{12} \square \frac{10}{11}$

28. $\frac{4}{12} \square \frac{6}{7}$

29. $\frac{6}{4} \square \frac{1}{4}$

30. $\frac{17}{9} \square \frac{23}{12}$

31. $\frac{5}{3} \square \frac{9}{11}$

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

33. $\frac{11}{8} \square \frac{6}{11}$

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

35. $\frac{5}{3} \square \frac{12}{11}$

36. $\frac{1}{7} \square \frac{5}{4}$

37. $\frac{2}{3} \square \frac{3}{12}$

38. $\frac{5}{10} \square \frac{16}{9}$

39. $\frac{1}{6} \square \frac{9}{7}$

40. $\frac{8}{7} \square \frac{10}{6}$

41. $\frac{18}{11} \square \frac{2}{11}$

42. $\frac{5}{6} \square \frac{2}{7}$

43. $\frac{8}{5} \square \frac{13}{8}$

44. $\frac{1}{3} \square \frac{8}{7}$

45. $\frac{9}{12} \square \frac{12}{9}$

46. $\frac{10}{11} \square \frac{10}{7}$

47. $\frac{2}{12} \square \frac{16}{9}$

48. $\frac{21}{11} \square \frac{1}{9}$

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

50. $\frac{5}{9} \square \frac{9}{5}$

Comparing Proper and Improper Fractions (A) Answers

Name: _____

Date: _____

Score: _____

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

1. $\frac{5}{3} > \frac{1}{5}$

2. $\frac{7}{4} > \frac{3}{2}$

3. $\frac{1}{3} < \frac{9}{6}$

4. $\frac{11}{8} > \frac{9}{11}$

5. $\frac{15}{8} > \frac{11}{12}$

6. $\frac{7}{10} > \frac{2}{11}$

7. $\frac{9}{6} > \frac{1}{2}$

8. $\frac{11}{7} > \frac{1}{7}$

9. $\frac{5}{9} < \frac{5}{4}$

10. $\frac{13}{7} > \frac{2}{8}$

11. $\frac{7}{5} > \frac{1}{2}$

12. $\frac{3}{4} < \frac{4}{3}$

13. $\frac{3}{2} > \frac{7}{8}$

14. $\frac{4}{5} > \frac{1}{3}$

15. $\frac{4}{10} < \frac{9}{5}$

16. $\frac{1}{2} < \frac{4}{7}$

17. $\frac{3}{6} < \frac{18}{12}$

18. $\frac{2}{9} < \frac{5}{12}$

19. $\frac{4}{9} < \frac{4}{3}$

20. $\frac{8}{6} > \frac{1}{5}$

21. $\frac{7}{4} > \frac{8}{10}$

22. $\frac{3}{5} > \frac{1}{10}$

23. $\frac{1}{3} < \frac{10}{11}$

24. $\frac{1}{3} < \frac{4}{7}$

25. $\frac{19}{12} > \frac{13}{12}$

26. $\frac{5}{3} > \frac{13}{9}$

27. $\frac{15}{12} > \frac{10}{11}$

28. $\frac{4}{12} < \frac{6}{7}$

29. $\frac{6}{4} > \frac{1}{4}$

30. $\frac{17}{9} < \frac{23}{12}$

31. $\frac{5}{3} > \frac{9}{11}$

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

33. $\frac{11}{8} > \frac{6}{11}$

34. $\frac{7}{4} > \frac{2}{3}$

35. $\frac{5}{3} > \frac{12}{11}$

36. $\frac{1}{7} < \frac{5}{4}$

37. $\frac{2}{3} > \frac{3}{12}$

38. $\frac{5}{10} < \frac{16}{9}$

39. $\frac{1}{6} < \frac{9}{7}$

40. $\frac{8}{7} < \frac{10}{6}$

41. $\frac{18}{11} > \frac{2}{11}$

42. $\frac{5}{6} > \frac{2}{7}$

43. $\frac{8}{5} < \frac{13}{8}$

44. $\frac{1}{3} < \frac{8}{7}$

45. $\frac{9}{12} < \frac{12}{9}$

46. $\frac{10}{11} < \frac{10}{7}$

47. $\frac{2}{12} < \frac{16}{9}$

48. $\frac{21}{11} > \frac{1}{9}$

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

50. $\frac{5}{9} < \frac{9}{5}$

Comparing Proper and Improper Fractions (B)

Name: _____

Date: _____

Score: _____

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

1. $\frac{12}{7} \square \frac{10}{12}$

2. $\frac{13}{8} \square \frac{5}{4}$

3. $\frac{1}{2} \square \frac{7}{6}$

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

5. $\frac{6}{4} \square \frac{3}{5}$

6. $\frac{2}{6} \square \frac{12}{9}$

7. $\frac{15}{12} \square \frac{1}{2}$

8. $\frac{17}{9} \square \frac{1}{2}$

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

10. $\frac{11}{10} \square \frac{1}{2}$

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

12. $\frac{14}{12} \square \frac{14}{12}$

13. $\frac{12}{9} \square \frac{5}{12}$

14. $\frac{2}{4} \square \frac{12}{9}$

15. $\frac{8}{7} \square \frac{2}{4}$

16. $\frac{1}{3} \square \frac{7}{10}$

17. $\frac{10}{8} \square \frac{4}{10}$

18. $\frac{2}{7} \square \frac{2}{3}$

19. $\frac{14}{10} \square \frac{7}{5}$

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

21. $\frac{18}{10} \square \frac{6}{4}$

22. $\frac{3}{10} \square \frac{7}{12}$

23. $\frac{3}{7} \square \frac{1}{2}$

24. $\frac{10}{7} \square \frac{2}{9}$

25. $\frac{10}{6} \square \frac{3}{2}$

26. $\frac{4}{6} \square \frac{4}{8}$

27. $\frac{15}{9} \square \frac{6}{4}$

28. $\frac{6}{5} \square \frac{6}{5}$

29. $\frac{15}{10} \square \frac{10}{9}$

30. $\frac{8}{9} \square \frac{7}{8}$

31. $\frac{11}{12} \square \frac{2}{10}$

32. $\frac{5}{7} \square \frac{1}{6}$

33. $\frac{3}{4} \square \frac{3}{2}$

34. $\frac{13}{7} \square \frac{10}{6}$

35. $\frac{13}{10} \square \frac{5}{3}$

36. $\frac{11}{6} \square \frac{15}{8}$

37. $\frac{13}{8} \square \frac{4}{6}$

38. $\frac{5}{6} \square \frac{8}{10}$

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

40. $\frac{12}{7} \square \frac{1}{10}$

41. $\frac{5}{4} \square \frac{3}{5}$

42. $\frac{1}{6} \square \frac{5}{7}$

43. $\frac{17}{12} \square \frac{12}{7}$

44. $\frac{1}{12} \square \frac{9}{6}$

45. $\frac{12}{8} \square \frac{8}{6}$

46. $\frac{5}{4} \square \frac{9}{6}$

47. $\frac{6}{11} \square \frac{8}{9}$

48. $\frac{16}{12} \square \frac{13}{10}$

49. $\frac{1}{6} \square \frac{2}{5}$

50. $\frac{14}{11} \square \frac{13}{7}$

Comparing Proper and Improper Fractions (B) Answers

Name: _____

Date: _____

Score: _____

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

1. $\frac{12}{7} > \frac{10}{12}$

2. $\frac{13}{8} > \frac{5}{4}$

3. $\frac{1}{2} < \frac{7}{6}$

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

5. $\frac{6}{4} > \frac{3}{5}$

6. $\frac{2}{6} < \frac{12}{9}$

7. $\frac{15}{12} > \frac{1}{2}$

8. $\frac{17}{9} > \frac{1}{2}$

9. $\frac{10}{9} < \frac{3}{2}$

10. $\frac{11}{10} > \frac{1}{2}$

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

12. $\frac{14}{12} = \frac{14}{12}$

13. $\frac{12}{9} > \frac{5}{12}$

14. $\frac{2}{4} < \frac{12}{9}$

15. $\frac{8}{7} > \frac{2}{4}$

16. $\frac{1}{3} < \frac{7}{10}$

17. $\frac{10}{8} > \frac{4}{10}$

18. $\frac{2}{7} < \frac{2}{3}$

19. $\frac{14}{10} = \frac{7}{5}$

20. $\frac{3}{2} > \frac{2}{5}$

21. $\frac{18}{10} > \frac{6}{4}$

22. $\frac{3}{10} < \frac{7}{12}$

23. $\frac{3}{7} < \frac{1}{2}$

24. $\frac{10}{7} > \frac{2}{9}$

25. $\frac{10}{6} > \frac{3}{2}$

26. $\frac{4}{6} > \frac{4}{8}$

27. $\frac{15}{9} > \frac{6}{4}$

28. $\frac{6}{5} = \frac{6}{5}$

29. $\frac{15}{10} > \frac{10}{9}$

30. $\frac{8}{9} > \frac{7}{8}$

31. $\frac{11}{12} > \frac{2}{10}$

32. $\frac{5}{7} > \frac{1}{6}$

33. $\frac{3}{4} < \frac{3}{2}$

34. $\frac{13}{7} > \frac{10}{6}$

35. $\frac{13}{10} < \frac{5}{3}$

36. $\frac{11}{6} < \frac{15}{8}$

37. $\frac{13}{8} > \frac{4}{6}$

38. $\frac{5}{6} > \frac{8}{10}$

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

40. $\frac{12}{7} > \frac{1}{10}$

41. $\frac{5}{4} > \frac{3}{5}$

42. $\frac{1}{6} < \frac{5}{7}$

43. $\frac{17}{12} < \frac{12}{7}$

44. $\frac{1}{12} < \frac{9}{6}$

45. $\frac{12}{8} > \frac{8}{6}$

46. $\frac{5}{4} < \frac{9}{6}$

47. $\frac{6}{11} < \frac{8}{9}$

48. $\frac{16}{12} > \frac{13}{10}$

49. $\frac{1}{6} < \frac{2}{5}$

50. $\frac{14}{11} < \frac{13}{7}$

Comparing Proper and Improper Fractions (C)

Name: _____

Date: _____

Score: _____

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

1. $\frac{4}{6} \square \frac{4}{11}$

2. $\frac{1}{2} \square \frac{7}{9}$

3. $\frac{3}{2} \square \frac{13}{11}$

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

5. $\frac{1}{2} \square \frac{6}{5}$

6. $\frac{9}{6} \square \frac{17}{10}$

7. $\frac{13}{12} \square \frac{3}{6}$

8. $\frac{7}{5} \square \frac{3}{4}$

9. $\frac{6}{5} \square \frac{13}{7}$

10. $\frac{10}{6} \square \frac{8}{5}$

11. $\frac{2}{5} \square \frac{16}{12}$

12. $\frac{4}{3} \square \frac{14}{9}$

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

14. $\frac{3}{6} \square \frac{3}{11}$

15. $\frac{2}{9} \square \frac{16}{9}$

16. $\frac{17}{10} \square \frac{3}{2}$

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

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

19. $\frac{4}{3} \square \frac{14}{12}$

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

21. $\frac{6}{4} \square \frac{5}{7}$

22. $\frac{8}{6} \square \frac{9}{5}$

23. $\frac{1}{4} \square \frac{12}{9}$

24. $\frac{1}{4} \square \frac{10}{9}$

25. $\frac{4}{10} \square \frac{9}{5}$

26. $\frac{1}{2} \square \frac{15}{10}$

27. $\frac{4}{3} \square \frac{11}{10}$

28. $\frac{4}{3} \square \frac{4}{11}$

29. $\frac{2}{3} \square \frac{5}{10}$

30. $\frac{11}{10} \square \frac{13}{7}$

31. $\frac{13}{8} \square \frac{1}{8}$

32. $\frac{9}{7} \square \frac{8}{9}$

33. $\frac{15}{8} \square \frac{1}{4}$

34. $\frac{14}{12} \square \frac{1}{3}$

35. $\frac{11}{8} \square \frac{1}{2}$

36. $\frac{8}{5} \square \frac{5}{10}$

37. $\frac{1}{2} \square \frac{19}{10}$

38. $\frac{19}{12} \square \frac{9}{6}$

39. $\frac{21}{12} \square \frac{11}{7}$

40. $\frac{15}{8} \square \frac{7}{5}$

41. $\frac{6}{4} \square \frac{1}{11}$

42. $\frac{2}{4} \square \frac{8}{5}$

43. $\frac{10}{7} \square \frac{3}{7}$

44. $\frac{6}{4} \square \frac{9}{8}$

45. $\frac{2}{3} \square \frac{12}{10}$

46. $\frac{3}{2} \square \frac{21}{11}$

47. $\frac{7}{5} \square \frac{20}{11}$

48. $\frac{1}{4} \square \frac{6}{4}$

49. $\frac{6}{8} \square \frac{4}{5}$

50. $\frac{16}{9} \square \frac{14}{10}$

Comparing Proper and Improper Fractions (C) Answers

Name: _____

Date: _____

Score: _____

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

1. $\frac{4}{6} > \frac{4}{11}$

2. $\frac{1}{2} < \frac{7}{9}$

3. $\frac{3}{2} > \frac{13}{11}$

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

5. $\frac{1}{2} < \frac{6}{5}$

6. $\frac{9}{6} < \frac{17}{10}$

7. $\frac{13}{12} > \frac{3}{6}$

8. $\frac{7}{5} > \frac{3}{4}$

9. $\frac{6}{5} < \frac{13}{7}$

10. $\frac{10}{6} > \frac{8}{5}$

11. $\frac{2}{5} < \frac{16}{12}$

12. $\frac{4}{3} < \frac{14}{9}$

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

14. $\frac{3}{6} > \frac{3}{11}$

15. $\frac{2}{9} < \frac{16}{9}$

16. $\frac{17}{10} > \frac{3}{2}$

17. $\frac{12}{9} > \frac{6}{5}$

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

19. $\frac{4}{3} > \frac{14}{12}$

20. $\frac{7}{4} > \frac{3}{2}$

21. $\frac{6}{4} > \frac{5}{7}$

22. $\frac{8}{6} < \frac{9}{5}$

23. $\frac{1}{4} < \frac{12}{9}$

24. $\frac{1}{4} < \frac{10}{9}$

25. $\frac{4}{10} < \frac{9}{5}$

26. $\frac{1}{2} < \frac{15}{10}$

27. $\frac{4}{3} > \frac{11}{10}$

28. $\frac{4}{3} > \frac{4}{11}$

29. $\frac{2}{3} > \frac{5}{10}$

30. $\frac{11}{10} < \frac{13}{7}$

31. $\frac{13}{8} > \frac{1}{8}$

32. $\frac{9}{7} > \frac{8}{9}$

33. $\frac{15}{8} > \frac{1}{4}$

34. $\frac{14}{12} > \frac{1}{3}$

35. $\frac{11}{8} > \frac{1}{2}$

36. $\frac{8}{5} > \frac{5}{10}$

37. $\frac{1}{2} < \frac{19}{10}$

38. $\frac{19}{12} > \frac{9}{6}$

39. $\frac{21}{12} > \frac{11}{7}$

40. $\frac{15}{8} > \frac{7}{5}$

41. $\frac{6}{4} > \frac{1}{11}$

42. $\frac{2}{4} < \frac{8}{5}$

43. $\frac{10}{7} > \frac{3}{7}$

44. $\frac{6}{4} > \frac{9}{8}$

45. $\frac{2}{3} < \frac{12}{10}$

46. $\frac{3}{2} < \frac{21}{11}$

47. $\frac{7}{5} < \frac{20}{11}$

48. $\frac{1}{4} < \frac{6}{4}$

49. $\frac{6}{8} < \frac{4}{5}$

50. $\frac{16}{9} > \frac{14}{10}$

Comparing Proper and Improper Fractions (D)

Name: _____

Date: _____

Score: _____

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

1. $\frac{7}{6} \square \frac{15}{11}$

2. $\frac{6}{11} \square \frac{9}{7}$

3. $\frac{10}{6} \square \frac{2}{7}$

4. $\frac{4}{3} \square \frac{4}{3}$

5. $\frac{1}{3} \square \frac{21}{12}$

6. $\frac{1}{2} \square \frac{2}{9}$

7. $\frac{1}{6} \square \frac{20}{11}$

8. $\frac{5}{3} \square \frac{7}{6}$

9. $\frac{20}{12} \square \frac{12}{8}$

10. $\frac{2}{6} \square \frac{15}{8}$

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

12. $\frac{1}{10} \square \frac{16}{11}$

13. $\frac{6}{8} \square \frac{4}{3}$

14. $\frac{2}{3} \square \frac{10}{9}$

15. $\frac{7}{4} \square \frac{17}{9}$

16. $\frac{1}{4} \square \frac{12}{7}$

17. $\frac{23}{12} \square \frac{7}{12}$

18. $\frac{8}{9} \square \frac{1}{3}$

19. $\frac{3}{2} \square \frac{3}{2}$

20. $\frac{1}{6} \square \frac{1}{2}$

21. $\frac{17}{12} \square \frac{13}{11}$

22. $\frac{5}{4} \square \frac{5}{6}$

23. $\frac{20}{12} \square \frac{1}{2}$

24. $\frac{3}{11} \square \frac{8}{7}$

25. $\frac{3}{7} \square \frac{10}{8}$

26. $\frac{3}{5} \square \frac{8}{10}$

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

28. $\frac{12}{8} \square \frac{15}{9}$

29. $\frac{8}{5} \square \frac{2}{12}$

30. $\frac{8}{5} \square \frac{5}{4}$

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

32. $\frac{1}{6} \square \frac{16}{11}$

33. $\frac{1}{12} \square \frac{4}{3}$

34. $\frac{8}{6} \square \frac{8}{6}$

35. $\frac{5}{7} \square \frac{13}{7}$

36. $\frac{7}{5} \square \frac{1}{3}$

37. $\frac{4}{3} \square \frac{2}{8}$

38. $\frac{2}{10} \square \frac{1}{3}$

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

40. $\frac{12}{7} \square \frac{2}{6}$

41. $\frac{4}{5} \square \frac{9}{5}$

42. $\frac{16}{10} \square \frac{9}{8}$

43. $\frac{16}{11} \square \frac{3}{4}$

44. $\frac{4}{9} \square \frac{7}{5}$

45. $\frac{9}{8} \square \frac{11}{6}$

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

47. $\frac{4}{3} \square \frac{9}{6}$

48. $\frac{12}{10} \square \frac{6}{9}$

49. $\frac{5}{7} \square \frac{1}{12}$

50. $\frac{12}{11} \square \frac{13}{8}$

Comparing Proper and Improper Fractions (D) Answers

Name: _____

Date: _____

Score: _____

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

1. $\frac{7}{6} < \frac{15}{11}$

2. $\frac{6}{11} < \frac{9}{7}$

3. $\frac{10}{6} > \frac{2}{7}$

4. $\frac{4}{3} = \frac{4}{3}$

5. $\frac{1}{3} < \frac{21}{12}$

6. $\frac{1}{2} > \frac{2}{9}$

7. $\frac{1}{6} < \frac{20}{11}$

8. $\frac{5}{3} > \frac{7}{6}$

9. $\frac{20}{12} > \frac{12}{8}$

10. $\frac{2}{6} < \frac{15}{8}$

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

12. $\frac{1}{10} < \frac{16}{11}$

13. $\frac{6}{8} < \frac{4}{3}$

14. $\frac{2}{3} < \frac{10}{9}$

15. $\frac{7}{4} < \frac{17}{9}$

16. $\frac{1}{4} < \frac{12}{7}$

17. $\frac{23}{12} > \frac{7}{12}$

18. $\frac{8}{9} > \frac{1}{3}$

19. $\frac{3}{2} = \frac{3}{2}$

20. $\frac{1}{6} < \frac{1}{2}$

21. $\frac{17}{12} > \frac{13}{11}$

22. $\frac{5}{4} > \frac{5}{6}$

23. $\frac{20}{12} > \frac{1}{2}$

24. $\frac{3}{11} < \frac{8}{7}$

25. $\frac{3}{7} < \frac{10}{8}$

26. $\frac{3}{5} < \frac{8}{10}$

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

28. $\frac{12}{8} < \frac{15}{9}$

29. $\frac{8}{5} > \frac{2}{12}$

30. $\frac{8}{5} > \frac{5}{4}$

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

32. $\frac{1}{6} < \frac{16}{11}$

33. $\frac{1}{12} < \frac{4}{3}$

34. $\frac{8}{6} = \frac{8}{6}$

35. $\frac{5}{7} < \frac{13}{7}$

36. $\frac{7}{5} > \frac{1}{3}$

37. $\frac{4}{3} > \frac{2}{8}$

38. $\frac{2}{10} < \frac{1}{3}$

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

40. $\frac{12}{7} > \frac{2}{6}$

41. $\frac{4}{5} < \frac{9}{5}$

42. $\frac{16}{10} > \frac{9}{8}$

43. $\frac{16}{11} > \frac{3}{4}$

44. $\frac{4}{9} < \frac{7}{5}$

45. $\frac{9}{8} < \frac{11}{6}$

46. $\frac{2}{5} < \frac{3}{4}$

47. $\frac{4}{3} < \frac{9}{6}$

48. $\frac{12}{10} > \frac{6}{9}$

49. $\frac{5}{7} > \frac{1}{12}$

50. $\frac{12}{11} < \frac{13}{8}$

Comparing Proper and Improper Fractions (E)

Name: _____

Date: _____

Score: _____

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

1. $\frac{2}{5} \square \frac{19}{10}$

2. $\frac{18}{11} \square \frac{9}{7}$

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

4. $\frac{12}{9} \square \frac{3}{4}$

5. $\frac{9}{6} \square \frac{7}{5}$

6. $\frac{7}{12} \square \frac{3}{12}$

7. $\frac{14}{10} \square \frac{1}{6}$

8. $\frac{8}{7} \square \frac{12}{10}$

9. $\frac{4}{8} \square \frac{9}{8}$

10. $\frac{15}{12} \square \frac{1}{6}$

11. $\frac{16}{9} \square \frac{1}{8}$

12. $\frac{10}{6} \square \frac{17}{10}$

13. $\frac{5}{10} \square \frac{18}{12}$

14. $\frac{1}{5} \square \frac{15}{9}$

15. $\frac{2}{4} \square \frac{1}{10}$

16. $\frac{1}{11} \square \frac{13}{7}$

17. $\frac{2}{3} \square \frac{8}{6}$

18. $\frac{6}{10} \square \frac{8}{11}$

19. $\frac{7}{4} \square \frac{9}{11}$

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

21. $\frac{3}{7} \square \frac{2}{10}$

22. $\frac{7}{12} \square \frac{9}{12}$

23. $\frac{3}{6} \square \frac{7}{12}$

24. $\frac{11}{6} \square \frac{20}{11}$

25. $\frac{5}{3} \square \frac{7}{5}$

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

27. $\frac{15}{12} \square \frac{1}{2}$

28. $\frac{5}{3} \square \frac{12}{10}$

29. $\frac{2}{3} \square \frac{4}{3}$

30. $\frac{6}{11} \square \frac{3}{6}$

31. $\frac{7}{10} \square \frac{14}{9}$

32. $\frac{12}{7} \square \frac{4}{8}$

33. $\frac{5}{12} \square \frac{15}{11}$

34. $\frac{23}{12} \square \frac{3}{9}$

35. $\frac{18}{11} \square \frac{7}{5}$

36. $\frac{13}{12} \square \frac{4}{6}$

37. $\frac{2}{8} \square \frac{16}{10}$

38. $\frac{1}{5} \square \frac{6}{4}$

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

40. $\frac{4}{5} \square \frac{19}{11}$

41. $\frac{4}{5} \square \frac{7}{9}$

42. $\frac{1}{7} \square \frac{2}{3}$

43. $\frac{7}{4} \square \frac{1}{7}$

44. $\frac{6}{11} \square \frac{1}{3}$

45. $\frac{7}{6} \square \frac{10}{6}$

46. $\frac{2}{7} \square \frac{1}{3}$

47. $\frac{3}{7} \square \frac{7}{8}$

48. $\frac{2}{5} \square \frac{1}{7}$

49. $\frac{19}{11} \square \frac{11}{6}$

50. $\frac{1}{10} \square \frac{3}{4}$

Comparing Proper and Improper Fractions (E) Answers

Name: _____

Date: _____

Score: _____

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

1. $\frac{2}{5} < \frac{19}{10}$

2. $\frac{18}{11} > \frac{9}{7}$

3. $\frac{7}{4} > \frac{3}{7}$

4. $\frac{12}{9} > \frac{3}{4}$

5. $\frac{9}{6} > \frac{7}{5}$

6. $\frac{7}{12} > \frac{3}{12}$

7. $\frac{14}{10} > \frac{1}{6}$

8. $\frac{8}{7} < \frac{12}{10}$

9. $\frac{4}{8} < \frac{9}{8}$

10. $\frac{15}{12} > \frac{1}{6}$

11. $\frac{16}{9} > \frac{1}{8}$

12. $\frac{10}{6} < \frac{17}{10}$

13. $\frac{5}{10} < \frac{18}{12}$

14. $\frac{1}{5} < \frac{15}{9}$

15. $\frac{2}{4} > \frac{1}{10}$

16. $\frac{1}{11} < \frac{13}{7}$

17. $\frac{2}{3} < \frac{8}{6}$

18. $\frac{6}{10} < \frac{8}{11}$

19. $\frac{7}{4} > \frac{9}{11}$

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

21. $\frac{3}{7} > \frac{2}{10}$

22. $\frac{7}{12} < \frac{9}{12}$

23. $\frac{3}{6} < \frac{7}{12}$

24. $\frac{11}{6} > \frac{20}{11}$

25. $\frac{5}{3} > \frac{7}{5}$

26. $\frac{4}{3} > \frac{3}{7}$

27. $\frac{15}{12} > \frac{1}{2}$

28. $\frac{5}{3} > \frac{12}{10}$

29. $\frac{2}{3} < \frac{4}{3}$

30. $\frac{6}{11} > \frac{3}{6}$

31. $\frac{7}{10} < \frac{14}{9}$

32. $\frac{12}{7} > \frac{4}{8}$

33. $\frac{5}{12} < \frac{15}{11}$

34. $\frac{23}{12} > \frac{3}{9}$

35. $\frac{18}{11} > \frac{7}{5}$

36. $\frac{13}{12} > \frac{4}{6}$

37. $\frac{2}{8} < \frac{16}{10}$

38. $\frac{1}{5} < \frac{6}{4}$

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

40. $\frac{4}{5} < \frac{19}{11}$

41. $\frac{4}{5} > \frac{7}{9}$

42. $\frac{1}{7} < \frac{2}{3}$

43. $\frac{7}{4} > \frac{1}{7}$

44. $\frac{6}{11} > \frac{1}{3}$

45. $\frac{7}{6} < \frac{10}{6}$

46. $\frac{2}{7} < \frac{1}{3}$

47. $\frac{3}{7} < \frac{7}{8}$

48. $\frac{2}{5} > \frac{1}{7}$

49. $\frac{19}{11} < \frac{11}{6}$

50. $\frac{1}{10} < \frac{3}{4}$

Comparing Proper and Improper Fractions (F)

Name: _____

Date: _____

Score: _____

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

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

2. $\frac{1}{7} \square \frac{8}{5}$

3. $\frac{5}{9} \square \frac{3}{2}$

4. $\frac{3}{6} \square \frac{3}{4}$

5. $\frac{6}{11} \square \frac{5}{4}$

6. $\frac{2}{3} \square \frac{11}{8}$

7. $\frac{2}{4} \square \frac{15}{8}$

8. $\frac{7}{6} \square \frac{10}{7}$

9. $\frac{19}{12} \square \frac{21}{12}$

10. $\frac{1}{6} \square \frac{3}{9}$

11. $\frac{5}{3} \square \frac{1}{10}$

12. $\frac{14}{11} \square \frac{2}{6}$

13. $\frac{14}{11} \square \frac{1}{2}$

14. $\frac{3}{2} \square \frac{3}{2}$

15. $\frac{19}{11} \square \frac{4}{5}$

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

17. $\frac{7}{6} \square \frac{1}{4}$

18. $\frac{3}{6} \square \frac{1}{2}$

19. $\frac{4}{3} \square \frac{15}{10}$

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

21. $\frac{19}{10} \square \frac{6}{4}$

22. $\frac{7}{9} \square \frac{17}{12}$

23. $\frac{7}{4} \square \frac{1}{2}$

24. $\frac{2}{11} \square \frac{1}{2}$

25. $\frac{2}{7} \square \frac{7}{4}$

26. $\frac{2}{8} \square \frac{9}{7}$

27. $\frac{5}{3} \square \frac{14}{8}$

28. $\frac{7}{5} \square \frac{11}{9}$

29. $\frac{21}{12} \square \frac{5}{4}$

30. $\frac{3}{5} \square \frac{7}{4}$

31. $\frac{2}{5} \square \frac{12}{11}$

32. $\frac{1}{3} \square \frac{4}{6}$

33. $\frac{2}{4} \square \frac{22}{12}$

34. $\frac{6}{10} \square \frac{12}{7}$

35. $\frac{7}{9} \square \frac{2}{3}$

36. $\frac{2}{3} \square \frac{1}{7}$

37. $\frac{8}{7} \square \frac{15}{10}$

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

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

40. $\frac{5}{4} \square \frac{17}{9}$

41. $\frac{12}{7} \square \frac{7}{9}$

42. $\frac{1}{2} \square \frac{15}{8}$

43. $\frac{9}{5} \square \frac{20}{12}$

44. $\frac{7}{8} \square \frac{2}{11}$

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

46. $\frac{1}{2} \square \frac{6}{5}$

47. $\frac{20}{12} \square \frac{3}{2}$

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

49. $\frac{1}{2} \square \frac{4}{6}$

50. $\frac{7}{4} \square \frac{13}{7}$

Comparing Proper and Improper Fractions (F) Answers

Name: _____

Date: _____

Score: _____

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

1. $\frac{8}{6} = \frac{8}{6}$

2. $\frac{1}{7} < \frac{8}{5}$

3. $\frac{5}{9} < \frac{3}{2}$

4. $\frac{3}{6} < \frac{3}{4}$

5. $\frac{6}{11} < \frac{5}{4}$

6. $\frac{2}{3} < \frac{11}{8}$

7. $\frac{2}{4} < \frac{15}{8}$

8. $\frac{7}{6} < \frac{10}{7}$

9. $\frac{19}{12} < \frac{21}{12}$

10. $\frac{1}{6} < \frac{3}{9}$

11. $\frac{5}{3} > \frac{1}{10}$

12. $\frac{14}{11} > \frac{2}{6}$

13. $\frac{14}{11} > \frac{1}{2}$

14. $\frac{3}{2} = \frac{3}{2}$

15. $\frac{19}{11} > \frac{4}{5}$

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

17. $\frac{7}{6} > \frac{1}{4}$

18. $\frac{3}{6} = \frac{1}{2}$

19. $\frac{4}{3} < \frac{15}{10}$

20. $\frac{3}{2} > \frac{1}{8}$

21. $\frac{19}{10} > \frac{6}{4}$

22. $\frac{7}{9} < \frac{17}{12}$

23. $\frac{7}{4} > \frac{1}{2}$

24. $\frac{2}{11} < \frac{1}{2}$

25. $\frac{2}{7} < \frac{7}{4}$

26. $\frac{2}{8} < \frac{9}{7}$

27. $\frac{5}{3} < \frac{14}{8}$

28. $\frac{7}{5} > \frac{11}{9}$

29. $\frac{21}{12} > \frac{5}{4}$

30. $\frac{3}{5} < \frac{7}{4}$

31. $\frac{2}{5} < \frac{12}{11}$

32. $\frac{1}{3} < \frac{4}{6}$

33. $\frac{2}{4} < \frac{22}{12}$

34. $\frac{6}{10} < \frac{12}{7}$

35. $\frac{7}{9} > \frac{2}{3}$

36. $\frac{2}{3} > \frac{1}{7}$

37. $\frac{8}{7} < \frac{15}{10}$

38. $\frac{5}{6} < \frac{3}{2}$

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

40. $\frac{5}{4} < \frac{17}{9}$

41. $\frac{12}{7} > \frac{7}{9}$

42. $\frac{1}{2} < \frac{15}{8}$

43. $\frac{9}{5} > \frac{20}{12}$

44. $\frac{7}{8} > \frac{2}{11}$

45. $\frac{3}{5} > \frac{1}{5}$

46. $\frac{1}{2} < \frac{6}{5}$

47. $\frac{20}{12} > \frac{3}{2}$

48. $\frac{7}{6} > \frac{2}{3}$

49. $\frac{1}{2} < \frac{4}{6}$

50. $\frac{7}{4} < \frac{13}{7}$

Comparing Proper and Improper Fractions (G)

Name: _____

Date: _____

Score: _____

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

1. $\frac{3}{7} \square \frac{14}{8}$

2. $\frac{1}{7} \square \frac{11}{6}$

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

4. $\frac{1}{4} \square \frac{9}{10}$

5. $\frac{4}{9} \square \frac{6}{11}$

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

7. $\frac{7}{12} \square \frac{19}{10}$

8. $\frac{18}{11} \square \frac{4}{6}$

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

10. $\frac{2}{11} \square \frac{1}{4}$

11. $\frac{5}{12} \square \frac{5}{3}$

12. $\frac{3}{9} \square \frac{5}{7}$

13. $\frac{9}{8} \square \frac{5}{3}$

14. $\frac{7}{12} \square \frac{6}{5}$

15. $\frac{11}{8} \square \frac{14}{9}$

16. $\frac{10}{8} \square \frac{16}{10}$

17. $\frac{3}{10} \square \frac{16}{9}$

18. $\frac{18}{10} \square \frac{12}{9}$

19. $\frac{3}{5} \square \frac{5}{6}$

20. $\frac{19}{10} \square \frac{5}{4}$

21. $\frac{4}{12} \square \frac{6}{12}$

22. $\frac{18}{11} \square \frac{8}{5}$

23. $\frac{7}{4} \square \frac{16}{9}$

24. $\frac{7}{5} \square \frac{8}{7}$

25. $\frac{5}{7} \square \frac{6}{12}$

26. $\frac{7}{8} \square \frac{2}{8}$

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

28. $\frac{5}{7} \square \frac{1}{4}$

29. $\frac{6}{8} \square \frac{6}{8}$

30. $\frac{1}{2} \square \frac{11}{7}$

31. $\frac{1}{4} \square \frac{3}{5}$

32. $\frac{10}{6} \square \frac{16}{12}$

33. $\frac{10}{9} \square \frac{14}{11}$

34. $\frac{2}{5} \square \frac{18}{10}$

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

36. $\frac{5}{9} \square \frac{17}{10}$

37. $\frac{5}{8} \square \frac{13}{11}$

38. $\frac{12}{10} \square \frac{1}{6}$

39. $\frac{13}{9} \square \frac{11}{9}$

40. $\frac{13}{8} \square \frac{7}{4}$

41. $\frac{17}{12} \square \frac{16}{9}$

42. $\frac{1}{4} \square \frac{13}{8}$

43. $\frac{11}{12} \square \frac{2}{3}$

44. $\frac{1}{7} \square \frac{21}{11}$

45. $\frac{2}{11} \square \frac{12}{10}$

46. $\frac{1}{8} \square \frac{7}{5}$

47. $\frac{11}{6} \square \frac{1}{5}$

48. $\frac{13}{9} \square \frac{7}{6}$

49. $\frac{17}{11} \square \frac{1}{4}$

50. $\frac{2}{5} \square \frac{19}{11}$

Comparing Proper and Improper Fractions (G) Answers

Name: _____

Date: _____

Score: _____

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

1. $\frac{3}{7} < \frac{14}{8}$

2. $\frac{1}{7} < \frac{11}{6}$

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

4. $\frac{1}{4} < \frac{9}{10}$

5. $\frac{4}{9} < \frac{6}{11}$

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

7. $\frac{7}{12} < \frac{19}{10}$

8. $\frac{18}{11} > \frac{4}{6}$

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

10. $\frac{2}{11} < \frac{1}{4}$

11. $\frac{5}{12} < \frac{5}{3}$

12. $\frac{3}{9} < \frac{5}{7}$

13. $\frac{9}{8} < \frac{5}{3}$

14. $\frac{7}{12} < \frac{6}{5}$

15. $\frac{11}{8} < \frac{14}{9}$

16. $\frac{10}{8} < \frac{16}{10}$

17. $\frac{3}{10} < \frac{16}{9}$

18. $\frac{18}{10} > \frac{12}{9}$

19. $\frac{3}{5} < \frac{5}{6}$

20. $\frac{19}{10} > \frac{5}{4}$

21. $\frac{4}{12} < \frac{6}{12}$

22. $\frac{18}{11} > \frac{8}{5}$

23. $\frac{7}{4} < \frac{16}{9}$

24. $\frac{7}{5} > \frac{8}{7}$

25. $\frac{5}{7} > \frac{6}{12}$

26. $\frac{7}{8} > \frac{2}{8}$

27. $\frac{5}{3} > \frac{3}{2}$

28. $\frac{5}{7} > \frac{1}{4}$

29. $\frac{6}{8} = \frac{6}{8}$

30. $\frac{1}{2} < \frac{11}{7}$

31. $\frac{1}{4} < \frac{3}{5}$

32. $\frac{10}{6} > \frac{16}{12}$

33. $\frac{10}{9} < \frac{14}{11}$

34. $\frac{2}{5} < \frac{18}{10}$

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

36. $\frac{5}{9} < \frac{17}{10}$

37. $\frac{5}{8} < \frac{13}{11}$

38. $\frac{12}{10} > \frac{1}{6}$

39. $\frac{13}{9} > \frac{11}{9}$

40. $\frac{13}{8} < \frac{7}{4}$

41. $\frac{17}{12} < \frac{16}{9}$

42. $\frac{1}{4} < \frac{13}{8}$

43. $\frac{11}{12} > \frac{2}{3}$

44. $\frac{1}{7} < \frac{21}{11}$

45. $\frac{2}{11} < \frac{12}{10}$

46. $\frac{1}{8} < \frac{7}{5}$

47. $\frac{11}{6} > \frac{1}{5}$

48. $\frac{13}{9} > \frac{7}{6}$

49. $\frac{17}{11} > \frac{1}{4}$

50. $\frac{2}{5} < \frac{19}{11}$

Comparing Proper and Improper Fractions (H)

Name: _____

Date: _____

Score: _____

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

1. $\frac{9}{5} \square \frac{19}{12}$

2. $\frac{1}{4} \square \frac{4}{9}$

3. $\frac{9}{6} \square \frac{1}{2}$

4. $\frac{3}{8} \square \frac{8}{6}$

5. $\frac{1}{6} \square \frac{1}{2}$

6. $\frac{1}{3} \square \frac{11}{9}$

7. $\frac{4}{7} \square \frac{4}{10}$

8. $\frac{15}{10} \square \frac{14}{11}$

9. $\frac{4}{12} \square \frac{15}{8}$

10. $\frac{2}{9} \square \frac{5}{10}$

11. $\frac{9}{8} \square \frac{11}{7}$

12. $\frac{9}{12} \square \frac{10}{6}$

13. $\frac{8}{11} \square \frac{13}{8}$

14. $\frac{3}{12} \square \frac{10}{11}$

15. $\frac{1}{6} \square \frac{12}{10}$

16. $\frac{7}{8} \square \frac{10}{7}$

17. $\frac{2}{11} \square \frac{2}{8}$

18. $\frac{10}{6} \square \frac{2}{4}$

19. $\frac{1}{2} \square \frac{6}{4}$

20. $\frac{20}{11} \square \frac{10}{7}$

21. $\frac{3}{4} \square \frac{4}{5}$

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

23. $\frac{3}{5} \square \frac{8}{12}$

24. $\frac{10}{12} \square \frac{8}{9}$

25. $\frac{11}{6} \square \frac{4}{6}$

26. $\frac{3}{5} \square \frac{5}{8}$

27. $\frac{2}{6} \square \frac{8}{10}$

28. $\frac{19}{12} \square \frac{13}{8}$

29. $\frac{5}{8} \square \frac{5}{3}$

30. $\frac{3}{4} \square \frac{20}{12}$

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

32. $\frac{5}{4} \square \frac{7}{4}$

33. $\frac{2}{10} \square \frac{3}{2}$

34. $\frac{13}{7} \square \frac{1}{12}$

35. $\frac{20}{12} \square \frac{19}{12}$

36. $\frac{6}{4} \square \frac{7}{11}$

37. $\frac{3}{2} \square \frac{4}{3}$

38. $\frac{10}{12} \square \frac{2}{12}$

39. $\frac{8}{5} \square \frac{8}{9}$

40. $\frac{6}{5} \square \frac{17}{11}$

41. $\frac{1}{3} \square \frac{13}{10}$

42. $\frac{3}{2} \square \frac{2}{12}$

43. $\frac{1}{7} \square \frac{1}{11}$

44. $\frac{5}{4} \square \frac{1}{6}$

45. $\frac{8}{11} \square \frac{12}{11}$

46. $\frac{5}{7} \square \frac{11}{6}$

47. $\frac{7}{11} \square \frac{8}{11}$

48. $\frac{10}{9} \square \frac{3}{4}$

49. $\frac{6}{5} \square \frac{5}{4}$

50. $\frac{13}{12} \square \frac{21}{11}$

Comparing Proper and Improper Fractions (H) Answers

Name: _____

Date: _____

Score: _____

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

1. $\frac{9}{5} > \frac{19}{12}$

2. $\frac{1}{4} < \frac{4}{9}$

3. $\frac{9}{6} > \frac{1}{2}$

4. $\frac{3}{8} < \frac{8}{6}$

5. $\frac{1}{6} < \frac{1}{2}$

6. $\frac{1}{3} < \frac{11}{9}$

7. $\frac{4}{7} > \frac{4}{10}$

8. $\frac{15}{10} > \frac{14}{11}$

9. $\frac{4}{12} < \frac{15}{8}$

10. $\frac{2}{9} < \frac{5}{10}$

11. $\frac{9}{8} < \frac{11}{7}$

12. $\frac{9}{12} < \frac{10}{6}$

13. $\frac{8}{11} < \frac{13}{8}$

14. $\frac{3}{12} < \frac{10}{11}$

15. $\frac{1}{6} < \frac{12}{10}$

16. $\frac{7}{8} < \frac{10}{7}$

17. $\frac{2}{11} < \frac{2}{8}$

18. $\frac{10}{6} > \frac{2}{4}$

19. $\frac{1}{2} < \frac{6}{4}$

20. $\frac{20}{11} > \frac{10}{7}$

21. $\frac{3}{4} < \frac{4}{5}$

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

23. $\frac{3}{5} < \frac{8}{12}$

24. $\frac{10}{12} < \frac{8}{9}$

25. $\frac{11}{6} > \frac{4}{6}$

26. $\frac{3}{5} < \frac{5}{8}$

27. $\frac{2}{6} < \frac{8}{10}$

28. $\frac{19}{12} < \frac{13}{8}$

29. $\frac{5}{8} < \frac{5}{3}$

30. $\frac{3}{4} < \frac{20}{12}$

31. $\frac{6}{5} < \frac{3}{2}$

32. $\frac{5}{4} < \frac{7}{4}$

33. $\frac{2}{10} < \frac{3}{2}$

34. $\frac{13}{7} > \frac{1}{12}$

35. $\frac{20}{12} > \frac{19}{12}$

36. $\frac{6}{4} > \frac{7}{11}$

37. $\frac{3}{2} > \frac{4}{3}$

38. $\frac{10}{12} > \frac{2}{12}$

39. $\frac{8}{5} > \frac{8}{9}$

40. $\frac{6}{5} < \frac{17}{11}$

41. $\frac{1}{3} < \frac{13}{10}$

42. $\frac{3}{2} > \frac{2}{12}$

43. $\frac{1}{7} > \frac{1}{11}$

44. $\frac{5}{4} > \frac{1}{6}$

45. $\frac{8}{11} < \frac{12}{11}$

46. $\frac{5}{7} < \frac{11}{6}$

47. $\frac{7}{11} < \frac{8}{11}$

48. $\frac{10}{9} > \frac{3}{4}$

49. $\frac{6}{5} < \frac{5}{4}$

50. $\frac{13}{12} < \frac{21}{11}$

Comparing Proper and Improper Fractions (I)

Name: _____

Date: _____

Score: _____

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

1. $\frac{2}{10} \square \frac{13}{10}$

2. $\frac{5}{10} \square \frac{5}{4}$

3. $\frac{16}{9} \square \frac{5}{4}$

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

5. $\frac{12}{9} \square \frac{3}{6}$

6. $\frac{5}{3} \square \frac{22}{12}$

7. $\frac{9}{8} \square \frac{7}{4}$

8. $\frac{8}{6} \square \frac{12}{11}$

9. $\frac{1}{6} \square \frac{1}{3}$

10. $\frac{5}{4} \square \frac{16}{11}$

11. $\frac{1}{7} \square \frac{5}{6}$

12. $\frac{3}{2} \square \frac{6}{9}$

13. $\frac{4}{3} \square \frac{10}{9}$

14. $\frac{1}{2} \square \frac{11}{8}$

15. $\frac{1}{2} \square \frac{3}{7}$

16. $\frac{14}{8} \square \frac{4}{5}$

17. $\frac{1}{3} \square \frac{4}{6}$

18. $\frac{2}{3} \square \frac{17}{9}$

19. $\frac{2}{10} \square \frac{17}{9}$

20. $\frac{23}{12} \square \frac{3}{2}$

21. $\frac{12}{7} \square \frac{5}{7}$

22. $\frac{1}{3} \square \frac{16}{9}$

23. $\frac{12}{8} \square \frac{7}{4}$

24. $\frac{9}{7} \square \frac{12}{9}$

25. $\frac{2}{3} \square \frac{3}{2}$

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

27. $\frac{6}{11} \square \frac{18}{10}$

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

29. $\frac{6}{4} \square \frac{3}{2}$

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

31. $\frac{4}{6} \square \frac{5}{4}$

32. $\frac{3}{4} \square \frac{7}{9}$

33. $\frac{1}{8} \square \frac{1}{3}$

34. $\frac{11}{10} \square \frac{9}{5}$

35. $\frac{12}{7} \square \frac{11}{10}$

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

37. $\frac{8}{7} \square \frac{3}{2}$

38. $\frac{1}{3} \square \frac{9}{10}$

39. $\frac{13}{8} \square \frac{7}{4}$

40. $\frac{6}{10} \square \frac{4}{3}$

41. $\frac{15}{12} \square \frac{8}{6}$

42. $\frac{15}{9} \square \frac{5}{6}$

43. $\frac{1}{2} \square \frac{3}{6}$

44. $\frac{10}{7} \square \frac{5}{8}$

45. $\frac{4}{10} \square \frac{15}{12}$

46. $\frac{5}{8} \square \frac{1}{7}$

47. $\frac{1}{3} \square \frac{6}{11}$

48. $\frac{5}{4} \square \frac{11}{10}$

49. $\frac{15}{11} \square \frac{5}{9}$

50. $\frac{3}{9} \square \frac{9}{7}$

Comparing Proper and Improper Fractions (I) Answers

Name: _____

Date: _____

Score: _____

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

1. $\frac{2}{10} < \frac{13}{10}$

2. $\frac{5}{10} < \frac{5}{4}$

3. $\frac{16}{9} > \frac{5}{4}$

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

5. $\frac{12}{9} > \frac{3}{6}$

6. $\frac{5}{3} < \frac{22}{12}$

7. $\frac{9}{8} < \frac{7}{4}$

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

9. $\frac{1}{6} < \frac{1}{3}$

10. $\frac{5}{4} < \frac{16}{11}$

11. $\frac{1}{7} < \frac{5}{6}$

12. $\frac{3}{2} > \frac{6}{9}$

13. $\frac{4}{3} > \frac{10}{9}$

14. $\frac{1}{2} < \frac{11}{8}$

15. $\frac{1}{2} > \frac{3}{7}$

16. $\frac{14}{8} > \frac{4}{5}$

17. $\frac{1}{3} < \frac{4}{6}$

18. $\frac{2}{3} < \frac{17}{9}$

19. $\frac{2}{10} < \frac{17}{9}$

20. $\frac{23}{12} > \frac{3}{2}$

21. $\frac{12}{7} > \frac{5}{7}$

22. $\frac{1}{3} < \frac{16}{9}$

23. $\frac{12}{8} < \frac{7}{4}$

24. $\frac{9}{7} < \frac{12}{9}$

25. $\frac{2}{3} < \frac{3}{2}$

26. $\frac{3}{2} > \frac{2}{3}$

27. $\frac{6}{11} < \frac{18}{10}$

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

29. $\frac{6}{4} = \frac{3}{2}$

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

31. $\frac{4}{6} < \frac{5}{4}$

32. $\frac{3}{4} < \frac{7}{9}$

33. $\frac{1}{8} < \frac{1}{3}$

34. $\frac{11}{10} < \frac{9}{5}$

35. $\frac{12}{7} > \frac{11}{10}$

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

37. $\frac{8}{7} < \frac{3}{2}$

38. $\frac{1}{3} < \frac{9}{10}$

39. $\frac{13}{8} < \frac{7}{4}$

40. $\frac{6}{10} < \frac{4}{3}$

41. $\frac{15}{12} < \frac{8}{6}$

42. $\frac{15}{9} > \frac{5}{6}$

43. $\frac{1}{2} = \frac{3}{6}$

44. $\frac{10}{7} > \frac{5}{8}$

45. $\frac{4}{10} < \frac{15}{12}$

46. $\frac{5}{8} > \frac{1}{7}$

47. $\frac{1}{3} < \frac{6}{11}$

48. $\frac{5}{4} > \frac{11}{10}$

49. $\frac{15}{11} > \frac{5}{9}$

50. $\frac{3}{9} < \frac{9}{7}$

Comparing Proper and Improper Fractions (J)

Name: _____

Date: _____

Score: _____

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

1. $\frac{18}{10} \square \frac{9}{5}$

2. $\frac{17}{12} \square \frac{5}{9}$

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

4. $\frac{1}{5} \square \frac{10}{11}$

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

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

7. $\frac{6}{4} \square \frac{4}{3}$

8. $\frac{11}{6} \square \frac{6}{5}$

9. $\frac{13}{7} \square \frac{10}{8}$

10. $\frac{3}{4} \square \frac{3}{5}$

11. $\frac{12}{8} \square \frac{11}{7}$

12. $\frac{1}{8} \square \frac{2}{4}$

13. $\frac{6}{9} \square \frac{16}{12}$

14. $\frac{7}{10} \square \frac{15}{10}$

15. $\frac{11}{6} \square \frac{9}{5}$

16. $\frac{9}{5} \square \frac{1}{8}$

17. $\frac{4}{3} \square \frac{2}{3}$

18. $\frac{20}{11} \square \frac{7}{5}$

19. $\frac{13}{7} \square \frac{1}{2}$

20. $\frac{4}{8} \square \frac{23}{12}$

21. $\frac{10}{6} \square \frac{1}{6}$

22. $\frac{11}{9} \square \frac{3}{2}$

23. $\frac{10}{7} \square \frac{16}{9}$

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

25. $\frac{23}{12} \square \frac{3}{11}$

26. $\frac{9}{6} \square \frac{1}{8}$

27. $\frac{14}{10} \square \frac{7}{9}$

28. $\frac{10}{6} \square \frac{1}{2}$

29. $\frac{5}{8} \square \frac{7}{8}$

30. $\frac{2}{7} \square \frac{19}{10}$

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

32. $\frac{21}{11} \square \frac{13}{9}$

33. $\frac{4}{7} \square \frac{13}{7}$

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

35. $\frac{5}{8} \square \frac{8}{5}$

36. $\frac{8}{6} \square \frac{6}{10}$

37. $\frac{9}{5} \square \frac{17}{12}$

38. $\frac{6}{12} \square \frac{10}{7}$

39. $\frac{8}{5} \square \frac{4}{11}$

40. $\frac{2}{4} \square \frac{6}{11}$

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

42. $\frac{9}{8} \square \frac{5}{6}$

43. $\frac{11}{9} \square \frac{11}{6}$

44. $\frac{9}{10} \square \frac{15}{10}$

45. $\frac{7}{9} \square \frac{1}{11}$

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

47. $\frac{8}{10} \square \frac{14}{10}$

48. $\frac{9}{5} \square \frac{8}{6}$

49. $\frac{6}{11} \square \frac{8}{6}$

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

Comparing Proper and Improper Fractions (J) Answers

Name: _____

Date: _____

Score: _____

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

1. $\frac{18}{10} = \frac{9}{5}$

2. $\frac{17}{12} > \frac{5}{9}$

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

4. $\frac{1}{5} < \frac{10}{11}$

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

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

7. $\frac{6}{4} > \frac{4}{3}$

8. $\frac{11}{6} > \frac{6}{5}$

9. $\frac{13}{7} > \frac{10}{8}$

10. $\frac{3}{4} > \frac{3}{5}$

11. $\frac{12}{8} < \frac{11}{7}$

12. $\frac{1}{8} < \frac{2}{4}$

13. $\frac{6}{9} < \frac{16}{12}$

14. $\frac{7}{10} < \frac{15}{10}$

15. $\frac{11}{6} > \frac{9}{5}$

16. $\frac{9}{5} > \frac{1}{8}$

17. $\frac{4}{3} > \frac{2}{3}$

18. $\frac{20}{11} > \frac{7}{5}$

19. $\frac{13}{7} > \frac{1}{2}$

20. $\frac{4}{8} < \frac{23}{12}$

21. $\frac{10}{6} > \frac{1}{6}$

22. $\frac{11}{9} < \frac{3}{2}$

23. $\frac{10}{7} < \frac{16}{9}$

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

25. $\frac{23}{12} > \frac{3}{11}$

26. $\frac{9}{6} > \frac{1}{8}$

27. $\frac{14}{10} > \frac{7}{9}$

28. $\frac{10}{6} > \frac{1}{2}$

29. $\frac{5}{8} < \frac{7}{8}$

30. $\frac{2}{7} < \frac{19}{10}$

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

32. $\frac{21}{11} > \frac{13}{9}$

33. $\frac{4}{7} < \frac{13}{7}$

34. $\frac{3}{6} > \frac{2}{7}$

35. $\frac{5}{8} < \frac{8}{5}$

36. $\frac{8}{6} > \frac{6}{10}$

37. $\frac{9}{5} > \frac{17}{12}$

38. $\frac{6}{12} < \frac{10}{7}$

39. $\frac{8}{5} > \frac{4}{11}$

40. $\frac{2}{4} < \frac{6}{11}$

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

42. $\frac{9}{8} > \frac{5}{6}$

43. $\frac{11}{9} < \frac{11}{6}$

44. $\frac{9}{10} < \frac{15}{10}$

45. $\frac{7}{9} > \frac{1}{11}$

46. $\frac{8}{6} > \frac{1}{5}$

47. $\frac{8}{10} < \frac{14}{10}$

48. $\frac{9}{5} > \frac{8}{6}$

49. $\frac{6}{11} < \frac{8}{6}$

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