

1 Exercises

1.1 Nonequivalent Fractions

Write = if the expressions are equal. Otherwise write \neq . Show your work in the space provided.

1. $0 \bigcirc \frac{11}{5}$

2. $2 \bigcirc 2\frac{1}{3}$

3. $\frac{4}{5} \bigcirc 0$

4. $5\frac{1}{4} \bigcirc 0$

5. $3\frac{1}{2} \bigcirc 3\frac{5}{10}$

6. $5\frac{1}{3} \bigcirc 5\frac{3}{9}$

7. $\frac{1}{2} \bigcirc \frac{1}{2}$

8. $\frac{1}{2} \bigcirc \frac{12}{2}$

9. $\frac{6}{3} \bigcirc 2$

10. $\frac{1}{2} \bigcirc \frac{3}{6}$

11. $\frac{2}{3} \bigcirc \frac{4}{6}$

12. $\frac{7}{3} \bigcirc \frac{2}{3}$

13. $4\frac{1}{3} \bigcirc 4\frac{1}{3}$

14. $\frac{2}{5} \bigcirc \frac{3}{5}$

15. $\frac{6}{5} \bigcirc \frac{18}{15}$

16. $9\frac{1}{2} \bigcirc 9\frac{4}{8}$

17. $\frac{2}{3} \bigcirc \frac{23}{3}$

18. $\frac{3}{6} \bigcirc \frac{15}{30}$

19. $\frac{2}{3} \bigcirc \frac{25}{3}$

20. $5\frac{3}{4} \bigcirc 5\frac{9}{12}$

21. $\frac{3}{5} \bigcirc \frac{10}{5}$

22. $\frac{5}{6} \bigcirc \frac{5}{6}$

23. $\frac{3}{5} \bigcirc \frac{9}{15}$

24. $5\frac{2}{5} \bigcirc 5\frac{10}{25}$

25. $\frac{7}{6} \bigcirc \frac{4}{6}$

26. $4\frac{1}{5} \bigcirc 4\frac{4}{20}$

27. $\frac{6}{6} \bigcirc \frac{6}{6}$

28. $\frac{19}{9} \bigcirc \frac{1}{9}$

29. $1\frac{4}{6} \bigcirc \frac{16}{6}$

30. $3\frac{2}{6} \bigcirc 3\frac{4}{6}$

31. $\frac{17}{3} \bigcirc \frac{18}{3}$

32. $\frac{3}{6} \bigcirc \frac{26}{6}$

33. $\frac{22}{6} \bigcirc \frac{44}{12}$

34. $8\frac{2}{3} \bigcirc \frac{24}{3}$

35. $2\frac{4}{8} \bigcirc 2\frac{8}{16}$

36. $\frac{21}{5} \bigcirc \frac{42}{10}$

37. $\frac{28}{6} \bigcirc 4\frac{2}{3}$

38. $6\frac{2}{5} \bigcirc 6\frac{10}{25}$

39. $\frac{13}{9} \bigcirc 5\frac{2}{9}$

40. $\frac{24}{9} \bigcirc 3\frac{8}{9}$

2 Answers

2.1 Nonequivalent Fractions

Write = if the expressions are equal. Otherwise write \neq . Show your work in the space provided.

1.

$$0 \text{ (}\neq\text{)} \frac{11}{5}$$

2.

$$2 \text{ (}\neq\text{)} 2\frac{1}{3}$$

3.

$$\frac{4}{5} \text{ (}\neq\text{)} 0$$

4.

$$5\frac{1}{4} \text{ (}\neq\text{)} 0$$

5.

$$3\frac{1}{2} \text{ (=)} 3\frac{5}{10}$$

6.

$$5\frac{1}{3} \text{ (=)} 5\frac{3}{9}$$

7.

$$\frac{1}{2} \text{ (=)} \frac{1}{2}$$

8.

$$\frac{1}{2} \text{ (}\neq\text{)} \frac{12}{2}$$

9.

$$\frac{6}{3} \text{ (=)} 2$$

10.

$$\frac{1}{2} \text{ (=)} \frac{3}{6}$$

11.

$$\frac{2}{3} \text{ (=)} \frac{4}{6}$$

12.

$$\frac{7}{3} \text{ (}\neq\text{)} \frac{2}{3}$$

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$$4\frac{1}{3} \text{ (=)} 4\frac{1}{3}$$

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$$\frac{2}{5} \text{ (}\neq\text{)} \frac{3}{5}$$

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$$\frac{6}{5} \text{ (=)} \frac{18}{15}$$

16.

$$9\frac{1}{2} \text{ (=)} 9\frac{4}{8}$$

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$$\frac{2}{3} \text{ (}\neq\text{)} \frac{23}{3}$$

18.

$$\frac{3}{6} \text{ (=)} \frac{15}{30}$$

19.

$$\frac{2}{3} \text{ (}\neq\text{)} \frac{25}{3}$$

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$$5\frac{3}{4} \text{ (=)} 5\frac{9}{12}$$

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$$\frac{3}{5} \text{ (}\neq\text{)} \frac{10}{5}$$

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$$\frac{5}{6} \text{ (=)} \frac{5}{6}$$

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$$\frac{3}{5} \text{ (=)} \frac{9}{15}$$

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$$5\frac{2}{5} \text{ (=)} 5\frac{10}{25}$$

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$$\frac{7}{6} \text{ (}\neq\text{)} \frac{4}{6}$$

26.

$$4\frac{1}{5} \text{ (}\text{=}\text{)} 4\frac{4}{20}$$

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$$\frac{6}{6} \text{ (}\text{=}\text{)} \frac{6}{6}$$

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$$\frac{19}{9} \text{ (}\neq\text{)} \frac{1}{9}$$

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$$1\frac{4}{6} \text{ (}\neq\text{)} \frac{16}{6}$$

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$$\frac{17}{3} \text{ (}\neq\text{)} \frac{18}{3}$$

32.

$$\frac{3}{6} \text{ (}\neq\text{)} \frac{26}{6}$$

33.

$$\frac{22}{6} \text{ (}\text{=}\text{)} \frac{44}{12}$$

34.

$$8\frac{2}{3} \text{ (}\neq\text{)} \frac{24}{3}$$

35.

$$2\frac{4}{8} \text{ (}\text{=}\text{)} 2\frac{8}{16}$$

36.

$$\frac{21}{5} \text{ (}\text{=}\text{)} \frac{42}{10}$$

37.

$$\frac{28}{6} \text{ (}\text{=}\text{)} 4\frac{2}{3}$$

38.

$$6\frac{2}{5} \text{ (}\text{=}\text{)} 6\frac{10}{25}$$

39.

$$\frac{13}{9} \text{ (}\neq\text{)} 5\frac{2}{9}$$

40.

$$\frac{24}{9} \text{ (}\neq\text{)} 3\frac{8}{9}$$