

5-1

Practice

Writing Fractions as Decimals

Write each fraction or mixed number as a decimal. Use a bar to show a repeating decimal.

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

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

3. $\frac{9}{11}$

4. $-\frac{3}{16}$

5. $\frac{3}{40}$

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

7. $\frac{5}{12}$

8. $\frac{1}{3}$

9. $\frac{7}{9}$

10. $-\frac{11}{15}$

11. $-\frac{12}{16}$

12. $\frac{13}{60}$

13. $\frac{1}{45}$

14. $-\frac{5}{24}$

15. $\frac{13}{20}$

16. $\frac{17}{18}$

17. $-11\frac{1}{4}$

18. $23\frac{5}{11}$

19. $-18\frac{2}{3}$

20. $5\frac{7}{8}$

Replace each \circ with $<$, $>$, or $=$ to make a true sentence.

21. $-\frac{13}{2} \circ -6.4$

22. $\frac{6}{7} \circ \frac{5}{6}$

23. $-0.75 \circ -\frac{15}{20}$

24. $-4\frac{3}{8} \circ -4.40$

25. $\frac{7}{8} \circ \frac{8}{9}$

26. $-\frac{33}{100} \circ -0.\bar{3}$

27. Order $\frac{4}{9}$, $\frac{444}{1000}$, and 0.4 from least to greatest.

28. Order $-\frac{8}{9}$, $-\frac{8}{10}$, and $-0.\overline{80}$ from least to greatest.

29. **OPINION** In a school survey, 787 out of 1000 students preferred hip-hop music to techno. Is this figure more or less than $\frac{7}{9}$ of those surveyed? Explain.