

# Lesson 1 Homework Practice

## Fractions and Decimals

Write each fraction 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.  $-\frac{2}{3}$

18.  $\frac{7}{8}$

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

19.  $-\frac{13}{2} \bullet -6.4$

20.  $\frac{6}{7} \bullet \frac{5}{6}$

21.  $-0.75 \bullet -\frac{15}{20}$

22.  $-\frac{3}{8} \bullet -0.40$

23.  $\frac{7}{8} \bullet \frac{8}{9}$

24.  $-\frac{33}{100} \bullet -0.\bar{3}$

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

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

27. 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.