

Lesson 1 Homework Practice

Fractions and Decimals

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

 $3.\frac{9}{11}$ 0.81

 $5.\frac{3}{40}$ 0.075

 $7.\frac{5}{12}$ 0.416

9. $\frac{7}{9}$ 0.7

11. $-\frac{12}{16}$ -0.75

13. $\frac{1}{45}$ 0.0 $\overline{2}$

15. $\frac{13}{20}$ 0.65

17. $-\frac{2}{3}$ -0.6

2. $\frac{1}{6}$ 0.125

4. $-\frac{3}{16}$ -0.1875

12. $\frac{13}{60}$ 0.21 $\overline{6}$

14. $-\frac{5}{24}$ -0.208 $\overline{3}$

16. $\frac{17}{18}$ 0.9 $\overline{4}$

18. $\frac{7}{8}$ 0.875

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

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

23. $\frac{7}{9} = \frac{8}{9}$ <

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

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

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.

More; $\frac{787}{1000}$ = 0.787 and $\frac{7}{9}$ = 0.777, so $\frac{787}{1000}$ is greater than $\frac{7}{9}$.

Make all docimals



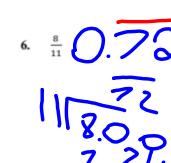
Lesson 1 Homework Practice Fractions and Decimals

A.	Name_			
PRACTICE	Unit	Lesson	Due Date _	

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

$$\frac{x^2}{\frac{3}{2}} = \frac{6}{10} = 0.6$$

- 7.





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

Replace each • with < , > , or = to make a true sentence.

11.
$$-\frac{13}{2}$$
 \bigcirc -6.4

12.
$$\frac{6}{7}$$
 \bigcirc $\frac{5}{6}$

13.
$$-0.75 -0.75 -\frac{15}{20}$$

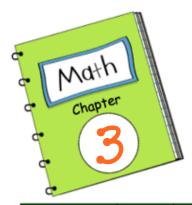
14.
$$-\frac{3}{8}$$
 -0.40

15.
$$\frac{7}{8}$$
 \bigcirc $\frac{8}{9}$

16.
$$-\frac{33}{100}$$
 $-0.\overline{3}$

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

18. 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.



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Date	Lesson	Topic/Assignment
10-19	I	Fractions and Decimals Video Notes
10-20	I	HW WS
10-20		HW Practice WS (in-class)
10-21	2 2	Rational Numbers Video Notes
10-21	2	HW WS

Q) 12 ⁻³
80+3= <u>83</u>)
$80+3=\frac{83}{20}$
-12
<u>-12</u>
-8.26
$-8\frac{26}{100}\cdot\frac{2}{2}=-8\frac{13}{50}$
F 0F
-5.95 - 5 95 ÷ 5
- (5)
20/



Write each number as a fraction. (Example 1)

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

13.
$$-10\frac{7}{8}$$

14. 49

Write each decimal as a fraction or mixed number in simplest form. (Example 2)

Financial Literacy Recently, one U.S. dollar was equal to 0.506 British pounds. Express 0.506 as a fraction in simplest form. (Example 2)

Find each product. 7.NS.2, 7.NS.2a

76.
$$-3(5)(-9)$$

Find each quotient. 7.NS.2, 7.NS.2b

78.
$$\frac{1}{-1}$$

79.
$$\frac{-16}{8}$$

80.
$$\frac{-100}{-10}$$

81.
$$\frac{0}{-5}$$