Lesson 1 Skills Practice

Terminating and Repeating Decimals

Write each repeating decimal using bar notation.

1. 0.7353535... **0.7$\overline{35}$**

2. 0.424242... **0.$\overline{42}$**

3. 5.126126126... **5.$\overline{126}$**

Write each fraction or mixed number as a decimal. Use bar notation if the decimal is a repeating decimal.

4. $-\frac{3}{5}$ **−0.6**

5. $\frac{19}{20}$ **0.95**

6. $3\frac{4}{5}$ **3.8**

7. $\frac{23}{50}$ **0.46**

8. $-1\frac{5}{8}$ **−1.625**

9. $\frac{19}{25}$ **0.76**

10. $4\frac{17}{37}$ **4.$\overline{459}$**

11. $-5\frac{3}{11}$ **−5.$\overline{27}$**

12. $\frac{17}{24}$ **0.708$\overline{3}$**

13. $6\frac{7}{32}$ **6.21875**

14. $7\frac{9}{22}$ **7.40$\overline{9}$**

15. $-1\frac{17}{48}$ **−1.3541$\overline{6}$**

Write each decimal as a fraction in simplest form.

16. 0.8 **$\frac{4}{5}$**

17. 0.52 **$\frac{13}{25}$**

18. −0.92 **$-\frac{23}{25}$**

19. −0.48 **$-\frac{12}{25}$**

20. 0.86 **$\frac{43}{50}$**

21. 0.76 **$\frac{19}{25}$**