

Additional Exercises 5.4

Name: _____

Date: _____

Example 1: Divide: $0.81 \div 0.003$

$$0.003 \overline{)0.81} \quad \text{Move decimals three places to the left and divide.} \quad \begin{array}{r} 270 \\ 3 \overline{)810} \end{array}$$

Example 2: Divide: $35 \div 1000$

Move decimal three places to the left.

$$35 \div 1000 = 0.035$$

Exercises

Divide.

1. $0.6 \overline{)0.48}$

1. _____

2. $0.05 \overline{)2.55}$

2. _____

3. $7 \overline{)0.21}$

3. _____

4. $0.6 \overline{)24.12}$

4. _____

5. $7 \overline{)4.97}$

5. _____

6. $3.27 \div 23$ (Round to the nearest thousandth.)

6. _____

7. $12 \div 1.02$ (Round to the nearest thousandth.)

7. _____

8. $65 \div 0.13$

8. _____

9.
$$\begin{array}{r} 2.95 \\ 0.5 \end{array}$$

9. _____

10. Divide 529.35 by 1.8. (Round to the nearest hundredth.)

10. _____

11. Divide 49.6 by 0.3. (Round to the nearest hundredth.)

11. _____

12. Divide 4.54 by 0.07. (Round to the nearest hundredth.)

12. _____

Divide.

13.
$$\frac{36.52}{100}$$

13. _____

14.
$$\frac{834}{100}$$

14. _____

15.
$$\frac{16.28}{10}$$

15. _____

16.
$$\frac{0.76}{0.01}$$

16. _____

17. The total cost of a loan is \$11,287.64. How many monthly payments of \$217.07 would it take to pay off the loan?

17. _____

18. A high school basketball player scored 386 points in 19 games. What was her average number of points per game? Round to the nearest tenth.

18. _____

19. Evaluate $x \div y$ if $x = 2.5$ and $y = 0.04$.

19. _____

20. Evaluate $2x \div y$ if $x = 0.025$ and $y = 2.5$.

20. _____