

Dividing Decimals

Name _____

Dividing Decimals by 10, 100, and 1,000

CRITICAL THINKING AND PROBLEM SOLVING

Use the given numbers to write a correct decimal division statement.

29. $236.4 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

10 0.02364

100 2.364

1,000 236.4

30. $75.04 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

10 7,504

100 750.4

1,000 0.07504

31. $76.93 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

10 0.007693

100 7.693

1,000 769.3

32. $73.09 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

10 0.7309

100 730.9

1,000 0.007309

33. $7,563 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

10 0.7563

100 7.563

1,000 75,630

34. $798.7 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$

10 7,987.0

100 0.07987

1,000 7.987

35. Lake Michigan is the fifth largest lake in the world. It has an area of $(222,780 \div 10)$ square miles. Evaluate the expression to find the area.

The area of Lake Michigan is _____ square miles.

36. Aswan, Egypt is the driest place in the world where people live. It receives $(2 \div 100)$ inch of rain per year. Evaluate the expression to find the annual rainfall.

Aswan, Egypt receives _____ inch of rain each year.

37. Marquette, Michigan receives $(12,920 \div 100)$ inches of snow each year. Evaluate the expression to find the annual snowfall.

Marquette receives _____ inches of snow each year.

38. A common shrew weighs about $(11.25 \div 1,000)$ pound. It is one of the smallest mammals. Evaluate the expression to find its weight.

A common shrew weighs _____ pound.

39. A brown bat is about $(13.3 \div 100)$ foot in length. Evaluate the expression to find its length.

A little brown bat is _____ foot in length.