

Name: Class:

Division with decimal quotient

Divide whole numbers by decimal divisors. (follow the example)

$250 \div 0.8 =$

$150 \div 0.8 =$

$130 \div 0.3 =$

$322 \div 0.5 =$

$244 \div 0.7 =$

$412 \div 0.9 =$

$175 \div 0.6 =$

$240 \div 0.7 =$

In each case, tick the correct answer.

b. What will be the answer to the nearest thousandths after dividing 225 by 15.2?

148.03

1.4803

14,803

44.803

14.803

c. What will be the answer to the nearest tenths after dividing 157 by 0.8?

0.1963

1,963

196.25

1.963

19.63

d. What will be the answer after dividing 938 by 0.05?

1.876

18,7600

18.760

18,760

1,876.60

e. What will be the answer to the nearest hundredths after dividing 1,442 by 0.15?

$9,613.\overline{33}$

$9,613.\overline{22}$

$9,913.\overline{22}$

$8,613.\overline{33}$

$9,513.\overline{22}$

Name: Class:

Division with decimal quotient

Divide whole numbers by decimal divisors. (follow the example).

a. $250 \div 0.8 = (250 \times 10) \div (0.8 \times 10)$
 $= 2,500 \div 8$

$$\begin{array}{r}
 312.5 \\
 8 \overline{) 2500.0} \\
 \underline{-24} \\
 10 \\
 \underline{-8} \\
 20 \\
 \underline{-16} \\
 40 \\
 \underline{-40} \\
 0
 \end{array}$$

Answer
312.5

$150 \div 0.8 = (150 \times 10) \div (0.8 \times 10)$
 $= 1,500 \div 8$

$$\begin{array}{r}
 187.5 \\
 8 \overline{) 1500.0} \\
 \underline{-8} \\
 70 \\
 \underline{-64} \\
 60 \\
 \underline{-56} \\
 40 \\
 \underline{-40} \\
 0
 \end{array}$$

Answer
187.5

In each case, tick the correct answer.

- a. What will be the answer to the nearest thousandths after dividing 225 by 15.2?
 148.03 1.4803 14,803 44.803 14.803
- b. What will be the answer to the nearest tenths after dividing 157 by 0.8?
 0.1963 1,963 196.3 1.963 19.625
- c. What will be the answer after dividing 938 by 0.05?
 1.876 18,7600 18.760 18,760 1,876.60
- d. What will be the answer to the nearest hundredths after dividing 1,442 by 0.15?
 9,613. $\overline{33}$ 9,613. $\overline{22}$ 9,913. $\overline{22}$ 8,613. $\overline{33}$ 9,513. $\overline{22}$