

Name: Class:

Division with decimal quotients and rounding

Divide. (round to the nearest hundredths).

$$24,561 \div 48$$

Divide. (round to the nearest tenths).

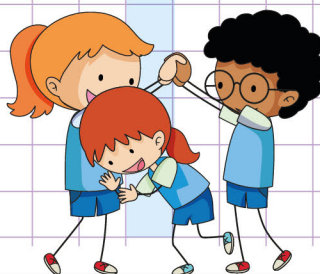
$$280 \div 9$$

Divide. (round to the nearest thousandths).

$$26.95 \div 24$$

Divide. (round to the nearest tenths).

$$56.23 \div 5$$



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Division with decimal quotients and rounding

Divide. (round to the nearest hundredths).

$$24,561 \div 48$$

$$\begin{array}{r} 511.687 \\ 48 \overline{) 24,561.000} \\ \underline{- 240} \\ 56 \\ \underline{- 48} \\ 81 \\ \underline{- 48} \\ 330 \\ \underline{- 288} \\ 420 \\ \underline{- 384} \\ 360 \\ \underline{- 336} \\ 24 \end{array}$$

← To round to hundredths
divide to thousandths

So, $511.687 \rightarrow 511.69$

← Stop

Divide. (round to the nearest tenths).

$$280 \div 9$$

$$\begin{array}{r} 31.11 \\ 9 \overline{) 280.00} \\ \underline{- 27} \\ 10 \\ \underline{- 9} \\ 10 \\ \underline{- 9} \\ 1 \end{array}$$

← To round to tenths
divide to hundredths

So, $31.11 \rightarrow 31.1$

← Stop

Divide. (round to the nearest thousandths).

$$26.95 \div 24$$

$$\begin{array}{r} 1.1229 \\ 24 \overline{) 26.9500} \\ \underline{- 24} \\ 29 \\ \underline{- 24} \\ 55 \\ \underline{- 48} \\ 70 \\ \underline{- 48} \\ 220 \\ \underline{- 216} \\ 4 \end{array}$$

← To round to thousands
divide to ten-thousandths

So, $1.1229 \rightarrow 1.23$

← Stop

Divide. (round to the nearest tenths).

$$56.23 \div 5$$

$$\begin{array}{r} 11.24 \\ 5 \overline{) 56.23} \\ \underline{- 5} \\ 6 \\ \underline{- 5} \\ 12 \\ \underline{- 10} \\ 23 \\ \underline{- 20} \\ 3 \end{array}$$

← To round to tenths
divide to hundredths

So, $11.24 \rightarrow 11.3$

← Stop

