

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).

$$56.23 \div 5$$

Divide. (round to the nearest hundredths).

$$31,606 \div 27$$

Divide.(round to the nearest tenths).

$$140 \div 5$$

Divide.(round to the nearest thousandths).

$$24.76 \div 12$$

Divide.(round to the nearest tenths).

$$27.34 \div 3$$

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Divide. (round to the nearest hundredths).

$24,561 \div 48$

| | |
|------------------------------|---|
| 511.687 | |
| 48 $\overline{) 24,561.000}$ | ← To round to hundredths, divide to thousandths. |
| - 240 | |
| ----- | |
| 56 | |
| - 48 | |
| ----- | |
| 81 | |
| - 48 | |
| ----- | |
| 330 | So, 511.687 → 511.69 |
| - 288 | |
| ----- | |
| 420 | |
| - 384 | |
| ----- | |
| 360 | |
| - 336 | |
| ----- | |
| 24 | ← Stop |

Divide. (round to the nearest tenths).

$280 \div 9$

| | |
|-------------------------|--|
| 31.11 | |
| 9 $\overline{) 280.00}$ | ← To round to tenths, divide to hundredths. |
| - 27 | |
| ----- | |
| 10 | |
| - 9 | |
| ----- | |
| 10 | |
| - 9 | |
| ----- | |
| 10 | So, 31.11 → 31.1 |
| - 9 | |
| ----- | |
| 1 | ← Stop |

Divide. (round to the nearest thousandths).

$26.95 \div 24$

| | |
|---------------------------|--|
| 1.1229 | |
| 24 $\overline{) 26.9500}$ | ← To round to thousands, divide to ten-thousandths. |
| - 24 | |
| ----- | |
| 29 | |
| - 24 | |
| ----- | |
| 55 | |
| - 48 | |
| ----- | |
| 70 | So, 1.1229 → 1.23 |
| - 48 | |
| ----- | |
| 220 | |
| - 216 | |
| ----- | |
| 4 | ← Stop |

Divide. (round to the nearest tenths).

$56.23 \div 5$

| | |
|------------------------|--|
| 11.24 | |
| 5 $\overline{) 56.23}$ | ← To round to tenths, divide to hundredths. |
| - 5 | |
| ----- | |
| 6 | |
| - 5 | |
| ----- | |
| 12 | |
| - 10 | |
| ----- | |
| 23 | So, 11.24 → 11.3 |
| - 20 | |
| ----- | |
| 3 | ← Stop |