Name: ..... Class: .....

Division with decimal quotients and rounding

Divide. (round to the nearest hundredths).

24,561 ÷ 48

Divide.(round to the nearest tenths).

280 ÷ 9

Divide.(round to the nearest thousandths).

26.95 ÷ 24

Divide.(round to the nearest tenths).

56.23 ÷ 5



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Solution

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Division with decimal quotients and rounding

Divide. (round to the nearest hundredths).

24,561 ÷ 48

```
      511.687
48 | 24,561.000   ← To round to hundredths
   - 240           divide to thousandths
     56
   -  48
      81
   -  48
     330          So, 511.687 → 511.69
   - 288
     420
   -  384
      360
   -  336
       24   ← Stop
```

Divide.(round to the nearest tenths).

280 ÷ 9

```
     31.11
9 | 280.00   ← To round to tenths
  - 27         divide to hundredths
    10
  -  9
     10
  -  9
     10      So, 31.11 → 31.1
  -  9
      1   ← Stop
```

Divide.(round to the nearest thousandths).

26.95 ÷ 24

```
     1.1229
24 | 26.9500   ← To round to thousands
   - 24          divide to ten-thousandths
     29
   -  24
      55
   -  48
      70      So, 1.1229 → 1.23
   -  48
     220
     216
       4   ← Stop
```

Divide.(round to the nearest tenths).

56.23 ÷ 5

```
     11 .24
5 | 56.23   ← To round to tenths
  - 5          divide to hundredths
    6
  -  5
     12
  -  10
     23      So, 11.24 → 11.3
  -  20
      3   ← Stop
```



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