Name _____

Dividing by a Whole Number

Find 196 ÷ 32.

Step 1

Put the decimal point in the dividend. Divide. Put the decimal in the quotient right above the decimal in the dividend. Subtract.

```
      6.
32 ) 196.
    -192
       4
```

Step 2

Add a zero after the decimal point in the dividend. Bring down the zero. Divide. Subtract.

```
       6.1
32 ) 196.0
    -192 ↓
       4 0
      -3 2
         8
```

Step 3

Repeat Step 2 until there is no remainder.

```
       6.125
32 ) 196.000
    -192 ↓
       4 0
      -3 2
         80
        -64
        160
       -160
          0
```

Remember, you can use estimation to see if your answer is reasonable: 180 ÷ 30 = 6. You can check your answer using multiplication: 32 × 6.125 = 196

Find the quotient.

1. $11\overline{)93.5}$

2. $25\overline{)1.75}$

3. $6\overline{)573}$

_____   _____   _____

4.
```
       6.
3 ) 18.6
   -18
     0
```

5.
```
       3.
7 ) 22.61
   -21
```

6.
```
       $ 3.
12 )$44.40
    - 36
       8
```

_____   _____   _____

7. Cherri said that 0.9 ÷ 3 = 0.3. Is she correct? Explain why or why not.

_____

_____

_____