Dividing by a Whole Number

Find 196 ÷ 32.

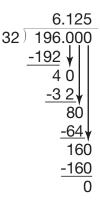| **Step 1**	**Step 2**	**Step 3**
Put the decimal point in the dividend. Divide. Put the decimal in the quotient right above the decimal in the dividend. Subtract.	Add a zero after the decimal point in the dividend. Bring down the zero. Divide. Subtract.	Repeat Step 2 until there is no remainder.

Step 1:
```
       6.
32 ) 196.
    -192
       4
```

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

Step 3:
```
        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.
```
       2.
 9 ) 20.7
   -18
     2
```

_____

2.
```
       3.
 7 ) 22.61
   -21
```

_____

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

_____

4. 11)93.5

5. 30)1.56

6. 8)412

_____   _____   _____

7. Writing to Explain Destiny said that 0.6 ÷ 2 = 0.3. Is she correct? Explain why or why not.

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