Dividing Decimal Numbers
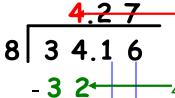
1. Place a decimal point directly above its position in the original question.

2. Divide the numbers as if there were no decimals.

3. Estimate (guess) what number might be tried to divide into the question (4).

4. Multiply your guess (4 x 8 = 32).

5. Subtract the two numbers (34 – 32 = 2).

6. Bring down the next number (1).

7. Repeat the process again until you get an answer.

```
        4.2 7
    8 | 3 4.1 6
      - 3 2
      _____
          2.1
        -  1 6
        _____
           5 6
         -  5 6
         _____
             0
```

8. Check your answer by multiplying the answer by the number you divided by.

$$4.2 7 \times 8 = 34.16$$

The answer is correct!