Zero as a placeholder

6 practice questions

1. Write 6 hundreds and 4 ones as one number.

The tens place needs 0.

Answer: 604

2. Write 8 hundreds and 3 tens as one number.

There are no ones, so the final digit is 0.

Answer: 830

3. What does the zero in 205 show?

$205 = 200 + 0 + 5$.

Answer: No tens.

4. Which is seven hundred and six: $76, 706$ or 760?

It has 7 hundreds and 6 ones, with no tens.

Answer: 706

5. Write a three-digit number with 4 hundreds and zeros in both other places.

$4 \text{ hundreds} + 0 \text{ tens} + 0 \text{ ones} = 400$.

Answer: 400

6. Are 90 and 9 equal? Explain.

9 tens are worth ten times as much as 9 ones.

Answer: No. 90 is 9 tens; 9 is 9 ones.