Place-value revision

6 questions | 8 marks

Equivalent correct methods earn the corresponding marks.

1. Write 6,302 in words. [1 mark]

Read the thousands first, then the hundreds and remaining ones.

Answer: Six thousand three hundred and two.

2. What is the value of 8 in 18,245? [1 mark]

The 8 is in the thousands place: 8 × 1,000 = 8,000.

Answer: 8,000.

3. Write 7,064 in expanded form. [1 mark]

The digits mean 7 thousands, 0 hundreds, 6 tens and 4 ones.

Answer: 7,000 + 60 + 4.

4. Build a number from 3 ten-thousands, 2 thousands, 5 hundreds, 0 tens and 9 ones. [1 mark]

30,000 + 2,000 + 500 + 9 = 32,509.

Answer: 32,509.

5. Write 4,120 using hundreds, tens and ones but no thousands. [2 marks]

Exchange 4 thousands for 40 hundreds, then add the existing hundred.

4,100 + 20 = 4,120.

Answer: 41 hundreds, 2 tens and 0 ones.

6. A learner writes 20,306 as 2,000 + 300 + 6. Explain the error and correct it. [2 marks]

The 2 is in the ten-thousands place, not the thousands place.

Keep the empty thousands and tens places when rebuilding the number.

Answer: The 2 is worth 20,000. Correct form: 20,000 + 300 + 6.