# 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: $8 \times 1{,}000 = 8{,}000$.

**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: $20{,}000 + 300 + 6$.