

Year 5: Reading and writing numbers to 1,000,000: answers

Year 5 - Place Value to 1,000,000 - Lesson 1.1

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks2-sats/maths/year-5/ch01-place-value/reading-and-writing-numbers-to-1-000-000/

Exercise 1A Reading, writing and partitioning numbers Non-calculator

1 What number do these place-value counters show?

Thousands			Ones		
HTh	TTh	Th	H	T	O
100k 100k 100k 100k	10k 10k 10k 10k 10k 10k 10k	1k 1k 1k		10 10 10 10 10	1 1

Answer: 473,052

2 Aisha has put counters on a place-value chart. What number do they show?

Thousands			Ones		
HTh	TTh	Th	H	T	O
100k 100k 100k 100k 100k		1k 1k 1k 1k 1k 1k 1k 1k		10 10 10 10 10 10	

Answer: 508,060

3 What is the value of the underlined digit?

(a) 638,245

Answer: 600,000

(b) 92,816

Answer: 90,000

(c) 407,153

Answer: 7,000

(d) 520,894

Answer: 90

4 Write each number in words.

(a) 38,205

Answer: thirty-eight thousand, two hundred and five

(b) 270,040

Answer: two hundred and seventy thousand and forty

(c) 604,300

Answer: six hundred and four thousand, three hundred

(d) 900,009

Answer: nine hundred thousand and nine

5 Write each number in digits.

(a) fifty-two thousand, six hundred and eight

Answer: 52,608

(b) three hundred and forty thousand and seven

Answer: 340,007

(c) six hundred and six thousand, six hundred and six

Answer: 606,606

(d) nine hundred thousand and ninety

Answer: 900,090

6 Partition each number. Write it as an addition.

(a) 482,615

Answer: $400,000 + 80,000 + 2,000 + 600 + 10 + 5$

(b) 703,040

Answer: $700,000 + 3,000 + 40$

(c) 250,008

Answer: $200,000 + 50,000 + 8$

(d) 96,070

Answer: $90,000 + 6,000 + 70$

7 Write each as a number. Remember that an empty column needs a zero.

(a) 6 hundred thousands, 4 thousands and 9 tens

Answer: 604,090

(b) 3 hundred thousands, 7 ten thousands and 2 hundreds

Answer: 370,200

(c) $800,000 + 5,000 + 40 + 3$

Answer: 805,043

(d) $200,000 + 90,000 + 6$

Answer: 290,006

- 8 Which number has a 7 in the ten thousands column? A 710,458 B 107,458 C 170,458 D 100,745

Answer: C (170,458)

- 9 How many are there? Use what you know about place value.

- (a) How many thousands in 72,000?

Answer: 72 thousands

- (b) How many hundreds in 45,300?

Answer: 453 hundreds

- (c) How many tens in 8,740?

Answer: 874 tens

- (d) How many hundreds in 100,000?

Answer: 1,000 hundreds

- 10 A charity counts coins. It has 4 boxes with 100,000 coins in each, 2 boxes with 10,000 coins in each, 6 boxes with 1,000 coins in each and 5 loose coins. How many coins is that altogether?

Answer: 426,005

- 11 Answer these questions about six-digit numbers.

- (a) What is the smallest six-digit number?

Answer: 100,000

- (b) What is the largest six-digit number?

Answer: 999,999

- (c) What is 1 more than the largest six-digit number? Write it in words.

Answer: one million

- 12 Noah writes "three hundred and five thousand and forty" as 350,040. Spot his mistake and write the correct number.

Answer: 305,040

- 13 Which one is different? 400,050 400,000 + 50 4 hundred thousands and 5 tens 450,000

Answer: 450,000

- 14 Is this always, sometimes or never true?
"The value of a digit is bigger than the digit itself."

Answer: Sometimes

- 15 Amira says, "There are 10 hundred thousands in one million." Is she right? Prove it.

Answer: Yes. $10 \times 100,000 = 1,000,000$.

- 16 I am a six-digit number.
My hundred thousands digit is twice my ten thousands digit.

My thousands digit is 0.
My hundreds digit is the same as my ten thousands digit.
My tens digit is 5 more than my ones digit.
My digits add up to 21.
My ones digit is not 0 and I am more than 500,000.
What number am I?

Answer: 630,372