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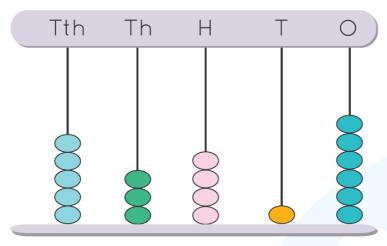
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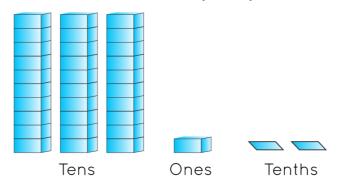


#### **EXPANDED NOTATION WORKSHEET - 3**

1) Write the number shown in the abacus below.



- 2) Write each number in words.
- a) 3,928
- b) 21,234
- 3) Find out how many Hundreds are there in 667,335.
- 4) Complete the expanded notation.
- a) 6,709 = 6000 + \_\_\_00 + \_\_\_
- b) 805,097 = \_\_0<mark>0000 + 5000</mark> + \_\_0 + \_\_
- 5) In 54.84, at which place value is the digit 8?
- 6) Write  $100 + 60 + 7 + \frac{9}{10} + \frac{8}{100}$  as a decimal number.
- 7) What decimal number is illustrated by the picture shown below?





8) Write the numbers shown in the place value chart in decimal form.

	Hundreds	Tens	Ones	Tenths	Hundredths
a)	2	4	5	6	8
b)	1	3	0	7	

- 9) What decimal number is represented by  $7 \times 100 + 9 \times 0.1 + 3 \times 0.01$ ?
- 10) What is the digit at the tenths place in the sum of 56.13 and 420.79?



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"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect.

She is extremely patient and generous with Miranda."

- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

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# **ANSWERS**



1)	53,415
2)	a) Three thousand nine hundred
	twenty eight, b)Twenty one
	thousand two hundred thirty four
3)	6,673
4)	a) 6000 + 700 + 9, b) 800000 +
	5000 + 90 + 7
5)	Tenths
6)	167.98
7)	31.2
8)	a) 245.68, b) 130.7
9)	700.93
10)	9



## **FUN FACT**

- 1. The digits to the right of the decimal point represents the fractional part of a <u>decimal number</u>.
- 2. We can write <u>fractions</u> and decimal numbers in expanded form.
- 3. We can represent decimal numbers using Base-10 blocks (flats, rods, and blocks). A flat represents one whole unit, a rod one-tenth of the whole, and a block one-hundredth of the whole.

