

Expanded form of Decimals

A. Choose the correct answer:

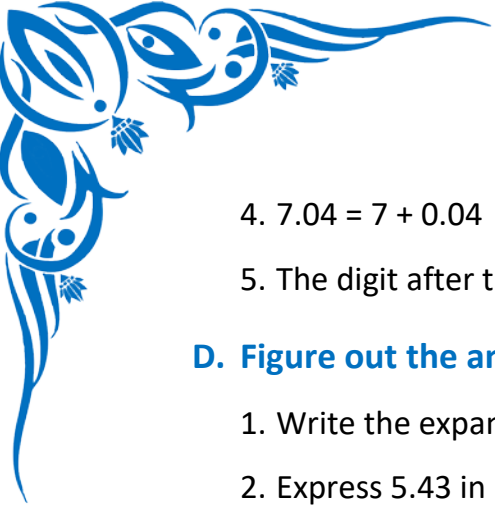
- What is the expanded form of 3.4?
a) $3 + 0.04$ b) $30 + 4$
c) $3 + 0.4$ d) $3.0 + 4.0$
- 2.7 is written in expanded form as
a) $2 + 7$ b) $2 + 0.07$
c) $2 + 0.7$ d) $20 + 0.7$
- What is the place value of 8 in 4.8?
a) Ones b) Tens
c) Tenths d) Hundredths
- In the decimal number 6.25, the digit 2 is in the
a) Ones place b) Tenths place
c) Hundredths place d) Thousands place
- Which of the following is the correct expanded form of 5.06?
a) $5 + 0.6$ b) $5 + 0.06$
c) $50 + 6$ d) $5 + 0.60$

B. Write the Missing Terms to Complete the Sentences:

- $7.3 = \underline{\quad} + \underline{\quad}$
- $4.09 = \underline{\quad} + \underline{\quad} + \underline{\quad}$
- The place value of 3 in 2.3 is $\underline{\quad}$
- 1.5 in expanded form is $\underline{\quad} + \underline{\quad}$
- In 8.46, the digit 6 is in the $\underline{\quad}$ place

C. Mark each sentence with a True (✓) or False (X):

- $4.5 = 4 + 0.5$ _____
- In 3.08, 8 is in the tenths place _____
- Expanded form of 6.3 is $6 + 3$ _____



4. $7.04 = 7 + 0.04$ _____

5. The digit after the decimal point is in the tenths place _____

D. Figure out the answers to these questions:

1. Write the expanded form of 9.2.
2. Express 5.43 in expanded form.
3. Find the place value of each digit in 6.08.
4. Write the number whose expanded form is $7 + 0.3$.
5. Write the expanded form of 2.76.

E. Challenge yourself with these questions:

1. Write the expanded form of 3.25.
2. Identify the place values of digits in 5.09.
3. Write the expanded form of 0.7.
4. Expand 8.42 using place values.
5. Write the expanded form of 4.01 in two different ways.