

WRITING DECIMALS IN EXPANDED FORM

Learning Objective 01

To write decimal numbers **in** expanded form.

Step to Success:

- 1 Identify the place values and values
- 2 Write the addition sentence for the values of decimals

$$7.425 = \boxed{7} + \boxed{0.4} + \boxed{0.02} + \boxed{0.005}$$

Learning Objective 02

To write decimal numbers **from** expanded form.

Step to Success:

- 1 Identify the values for whole and decimals
- 2 Add the values

$$7 + 0.9 + 0.02 + 0.005 = \boxed{7.925}$$

7	.	0	0	0
0	.	9		
0	.	0	2	
0	.	0	0	5
7	.	9	2	5

1) Write the given decimal numbers in expanded form:

a) $1.427 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

b) $8.907 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

c) $15.43 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

d) $42.70 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

e) $95.603 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

2) Write the decimal number from the expanded form:

Expanded form	Decimal Number
a) $2 + 0.5 + 0.01 + 0.003$	
b) $8 + 4 + 0.7 + 0.09$	
c) $30 + 7 + 0.02 + 0.004$	
d) $5 + 0.02 + 0.001$	
e) $0.006 + 2 + 0.4 + 20$	

HOW DO YOU FEEL ABOUT TODAY'S LESSON?

Type in **YOUR NAME** in the box provided under the options below to show which your feeling is.

 I understand and I can do it on my own	 I do not really understand and I need more practice.	 I really need help
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Hidayah A / 2021