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## Order Of Operations Worksheets

- 1) Choose the correct order of operations.
  - a) Multiply and Divide from right to left.
  - b) Divide and Multiply from right to left.
  - c) Multiply and Divide from left to right.



- 2) Use the digits 3, 5, 7, and 9 to obtain 41 as the result for the given expression:  
 $\_\_ - \_\_ + \_\_ \times \_\_$
- 3) Determine whether the following expressions are similar or not.
  - a)  $8 + 2 - (12 \div 4) \times 6 + 3$
  - b)  $(8 + 2) - (12 \div 4 \times 6) + 3$
- 4) Prove that:  $7 \times [39 \div (10 + 3)] = 21$
- 5) Using PEMDAS evaluate:  
 $9 - [12 \times \{3 \times 5 - 3\} + 9]$
- 6) 9 was added to a certain number. This sum was then divided by 3. Finally, the quotient was multiplied by 5. This product came out as 15. What was the number.
- 7) Evaluate:
- 8) Stark had 20 dollars. He spent 4 dollars on buying clothes and put half of the money left inside a piggy bank. The remaining money was doubled by his mother.

How many dollars are left with Stark? Write the expression also.



- 9) There are 50 birds swimming in a pond, half of the birds fly away and thrice return back. How many birds are in the pond now?



- 10) Match the column:

1.	$4+3\times 2$	a.	6
2.	$8-4\div 2$	b.	1
3.	$4-2-1$	c.	9
4.	$5+8\div 2$	d.	10

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## Why choose Cuemath?

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- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"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."

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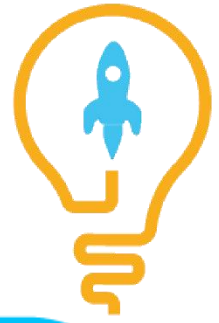
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**ANSWERS**

1)	c)
2)	9, 3, 7, 5
3)	Similar
4)	L.H.S. = R.H.S.
5)	0
6)	0
7)	59
8)	\$16, $[(20 - 4) \div 2] \times 2$
9)	175
10)	1---d, 2---a , 3---b, 4---c



**FUN FACT**

1. PEMDAS is often expanded to the mnemonic "Please Excuse My Dear Aunt Sally".
2. Achilles Reselfelt is the mathematician who invented BODMAS.
3. In UK, another mnemonic, BIDMAS is also commonly used. It stands for Brackets, Indices, Division/Multiplication, Addition/Subtraction

