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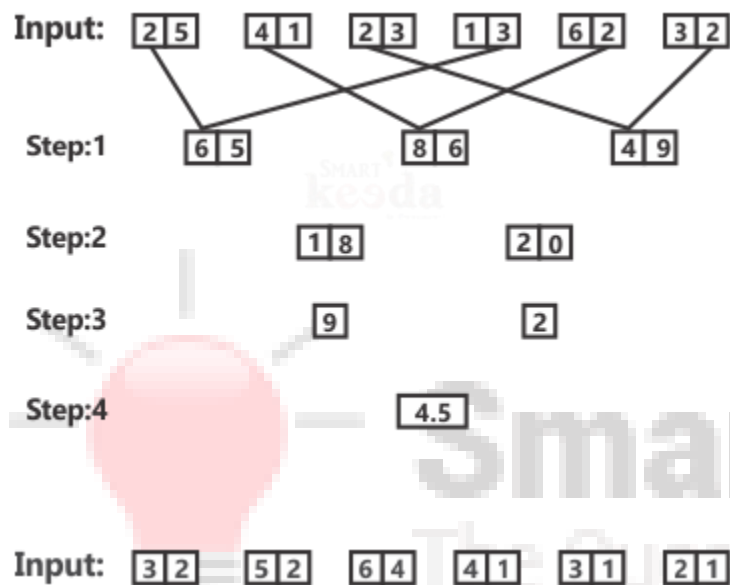
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Sequential Output Tracing Quiz Questions for IBPS PO PRE, SBI PO PRE, SBI CLERK MAINS, IBPS CLERK MAINS & IBPS RRB Exams.

Set No 12

Direction: Read the given information carefully and answer the questions given beside:

The first step has been obtained by multiplying the digits in input. No other step uses multiplication concept. They are obtained by applying certain logic. Numbers of step II have been obtained by using at least 1 digit of each number in step 1. Each step is a resultant of previous step.



1. What is the difference between the numbers of Step II?

- A. 6 B. 10 C. 12 D. 8 E. None of these

2. Which of the following will be the double of Last step?

- A. 5 B. 2.5 C. 7.5 D. 9 E. None of these

3. What is the sum of largest and the smallest number of step I?

- A. 106 B. 112 C. 96 D. 72 E. None of these

4. If the difference of the number of step III is multiplied by step IV, what will be the resultant number?

- A. 2.5 B. 3 C. 9 D. 1.25 E. None of these

5. Which of the following is one of the numbers of any step?

- A. 58 B. 22 C. 30 D. 12 E. None of these

Correct Answers:

1	2	3	4	5
D	B	A	D	B

Common Explanations:

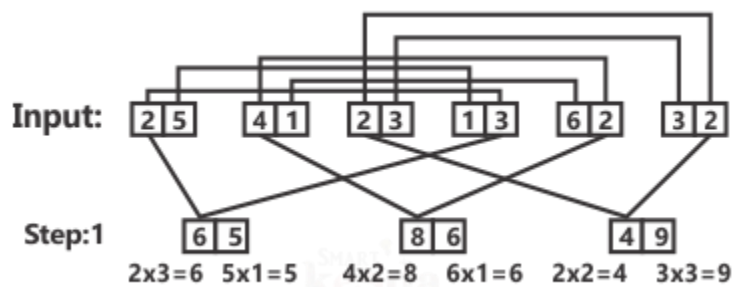
Reference:

First of all we will try to know how we can get

$$6=2 \times 3, 5=5 \times 1$$

$$8=4 \times 2, 6=6 \times 1$$

$$2 \times 2=4, 3 \times 3=9$$



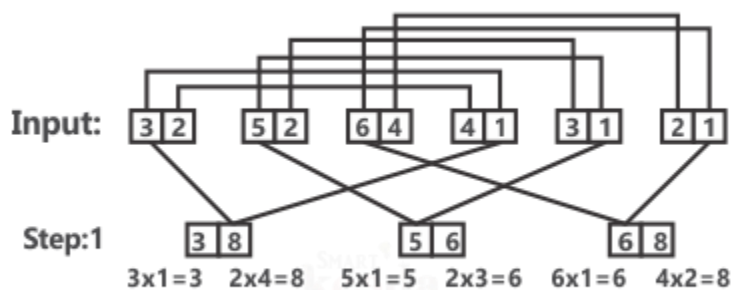
Inference:

As we know what is the pattern in our input so now we will use it:

$$3=3 \times 1, 8=2 \times 4$$

$$5=5 \times 1, 6=2 \times 3$$

$$6=6 \times 1, 8=4 \times 2$$

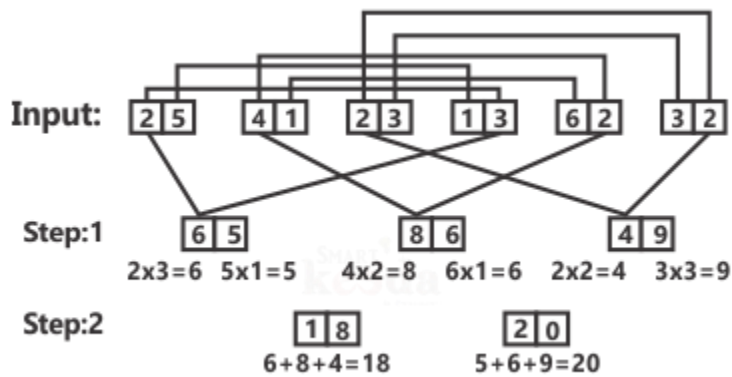


Reference:

Now we will see our step II and we can understand that in this step we have to add step I's these numbers for getting step II:

$$6+8+4=18$$

$$5+6+9=20$$

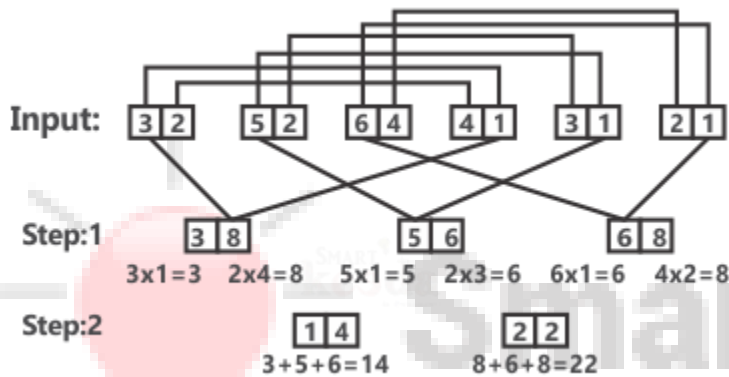


Inference:

As we know the pattern of this step so we will follow this pattern in our solution's input:

$$3 + 5 + 6 = 14$$

$$8 + 6 + 8 = 22$$

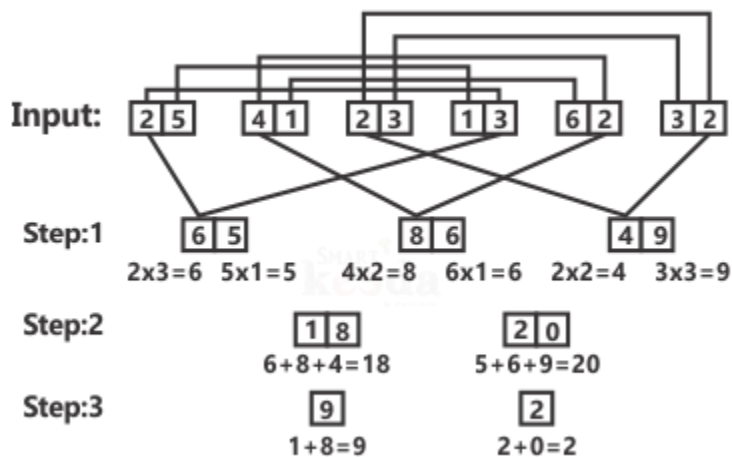


Reference:

Now we can easily understand that in next step we have to add Step- 2's number:

$$1 + 8 = 9$$

$$2 + 0 = 2$$

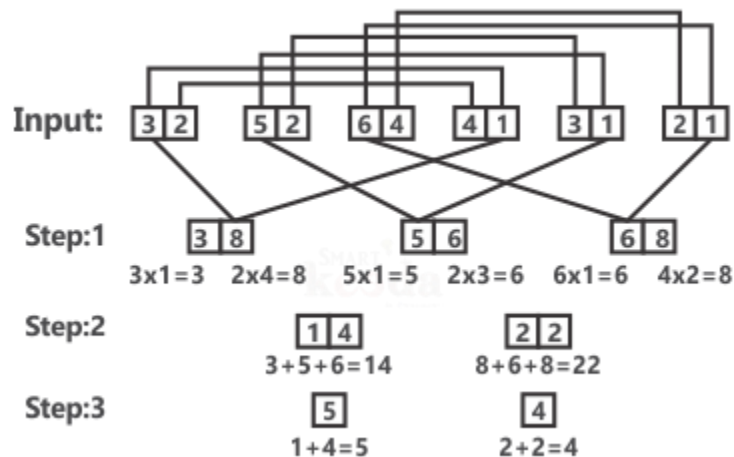


Inference:

Because we know the pattern for this step so we will follow the same patter:

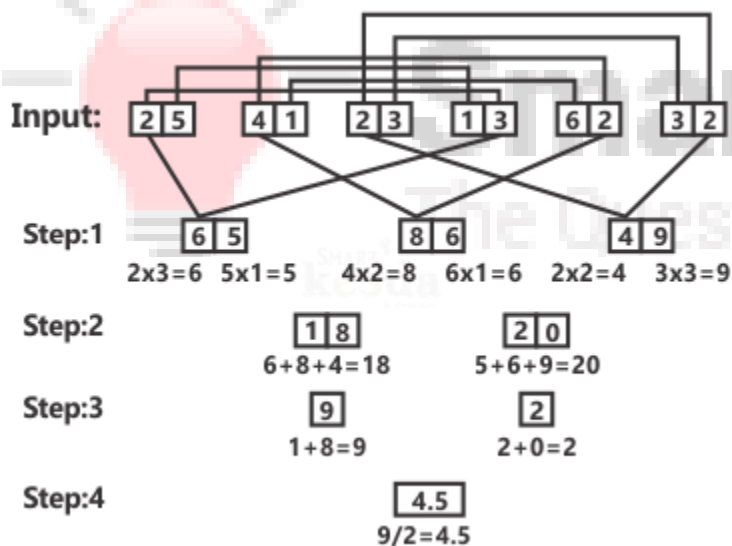
$$1 + 4 = 5$$

$$2 + 2 = 4$$



Reference:

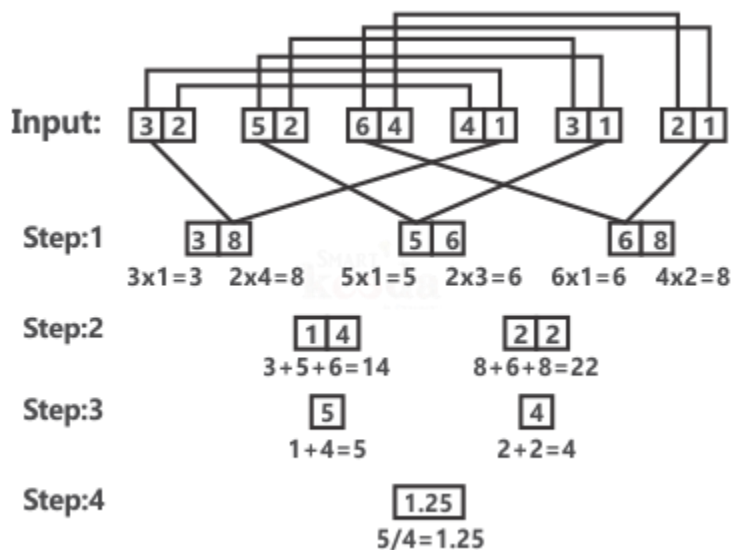
Now we can easily understand that we can get 4.5 by $9/2=4.5$ so:



Inferences:

We will use the same pattern so it should our final answer:

$$5/4 = 1.25$$



Answers :

- Following the common explanation, we get that:
Difference between the numbers of Step II is 8.
Option D, is hence the correct answer.
- Following the common explanation, we get that
2.5 is the double of Last step.
Option B, is hence the correct answer.
- Following the common explanation, we get that
106 is the sum of largest and the smallest number of step I.
Option A, is hence the correct answer.
- Following the common explanation, we get that
1.25 is the resultant number.
Option D, is hence the correct answer.
- From the common explanation we get
22 is one of the numbers of any step.
Option B, is hence the correct answer..



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