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## सर्वश्रेष्ठ मॉक टेस्ट सीरीज

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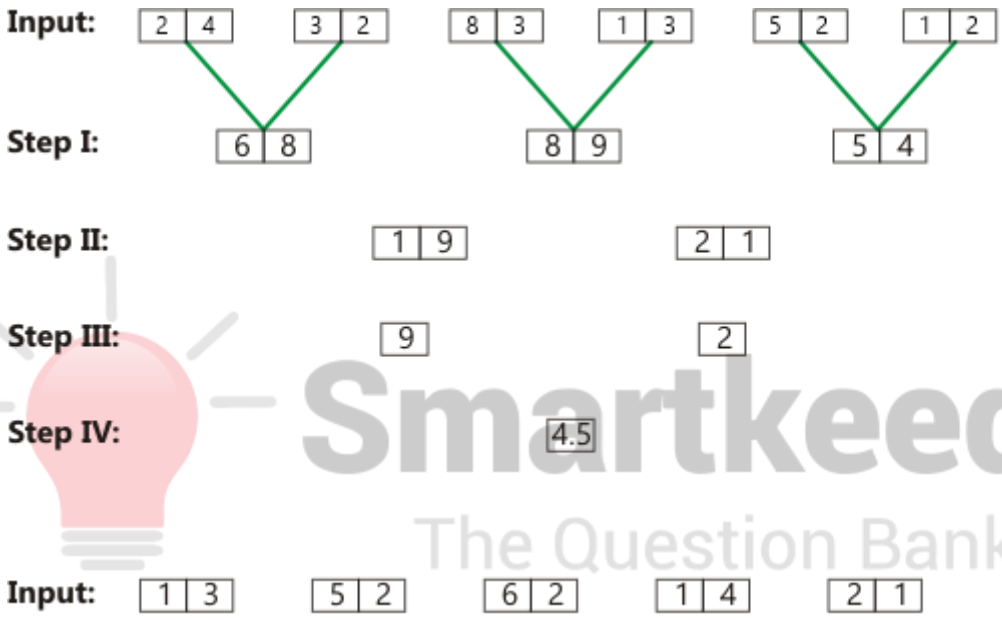
# Sequential Output Tracing Questions for RRB Scale I Mains, SBI Clerk Mains and IBPS Clerk Mains Exams.

**Set 39**

**Directions: Study the following information carefully and answer the questions given beside:**

The first step has been obtained by multiplying the digits in input. The next steps are not obtained the same way. 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.

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## Questions :

**1. Which of the following will be the last step?**

A. 6 B. 7.5 C. 3.5 D. 5 E. None of these

**2. What is the sum of the numbers of step III?**

A. 9 B. 12 C. 18 D. 26 E. None of these

**3. If we do half of each number in step II, what will be the difference of those numbers?**

A. 0 B. 1 C. 2 D. 3 E. None of these

**4. Which of the following is a number in step I?**

A. 64 B. 32 C. 69 D. 67 E. None of these

**5. If the sum of numbers of step III is multiplied by step IV, find the resultant number.**

A. 31.5 B. 50 C. 26.4 D. 37.5 E. None of these

**Correct Answers:**

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| C | A | D | D | A |

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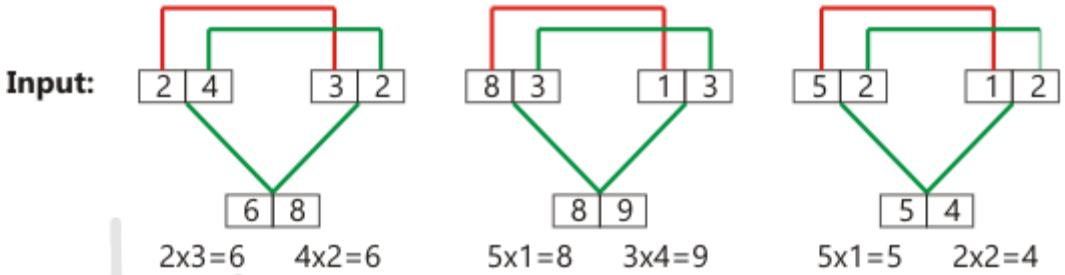
**Common Explanations:**

**References:**

First of all in this input we will see how we can get 6 8 and for getting 6 we have to do 2x3=6 and, for getting 8 we have to do 4 x 2 = 8 and so on:

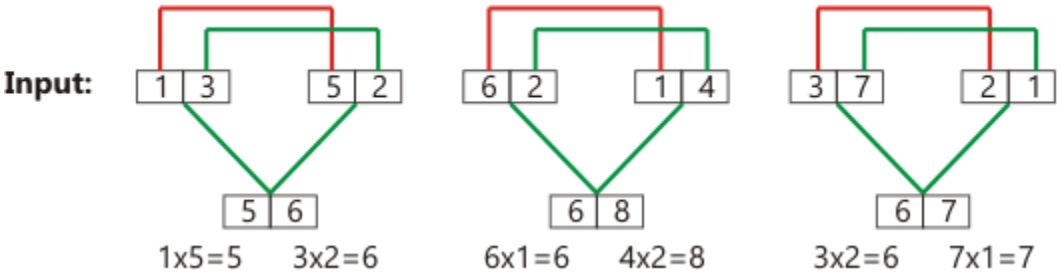
8 x 1 = 8
3 x 3 = 9
5 x 1 = 5
2 x 2 = 4




**Inferences:**

Now we know the pattern for step 1 so we will use the same pattern in our input which we have so:

1 x 5 = 5
3 x 2 = 6
6 x 1 = 6
4 x 2 = 8
3 x 2 = 6
7 x 1 = 7




**References:**

For second step we have to add 6+8 and 5 so we can get 19 and 8+9 with 4 so we can get 21

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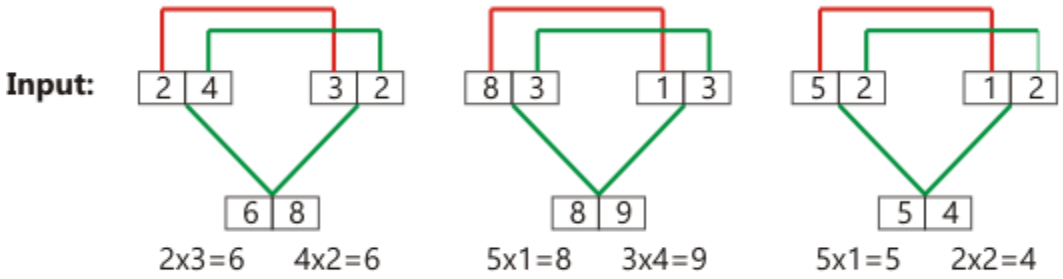
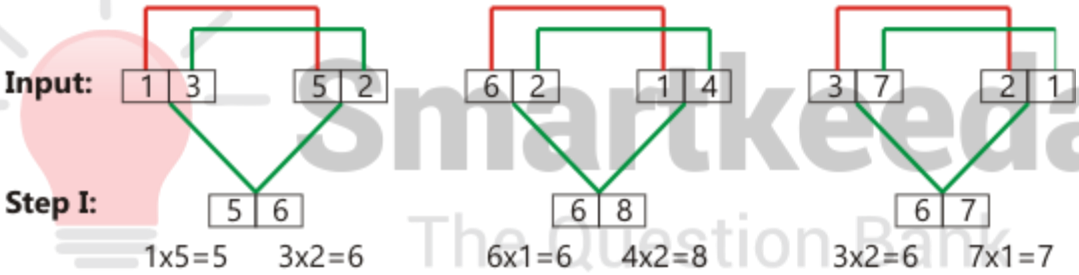



**Step II:**

**Inferences:**

Now we know the pattern for step: II so we will use the same pattern in it.

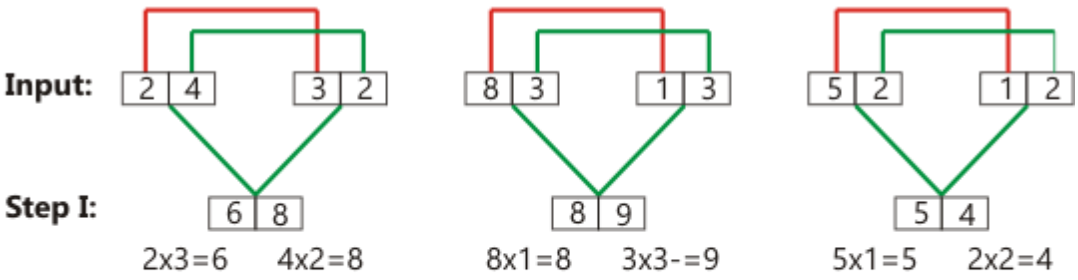
And it will come after using the pattern: 6 + 5 + 6 = 17, 6 + 8 + 7 = 21




**Step II:**

**References:**

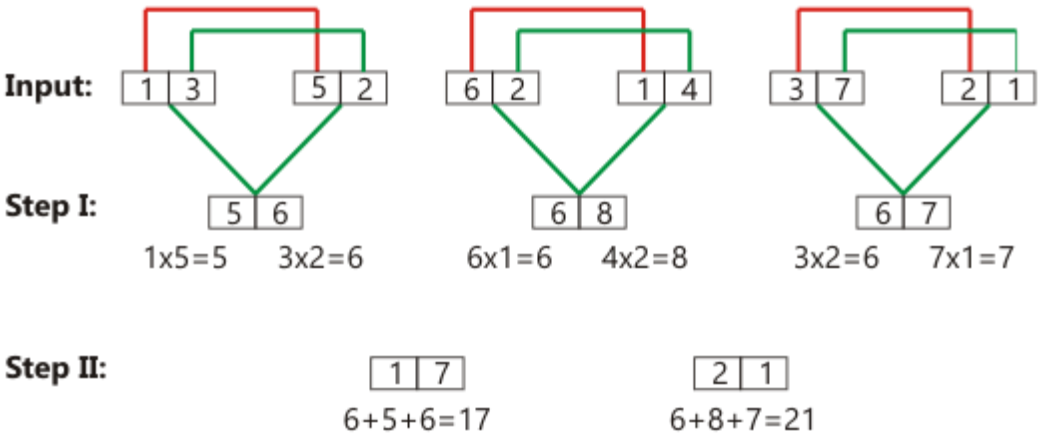
In this step we can easily understand that 1 x 9 = 9, 2 x 1 = 2 so we will use the same pattern in our solution:




**Step II:**

**Inferences:**

Because we know the pattern so we will use it now 1 x 7 = 7, 2 x 1 = 2 so:




**References:**

Now we are on our final step which is 9 ÷ 2 = 4.5

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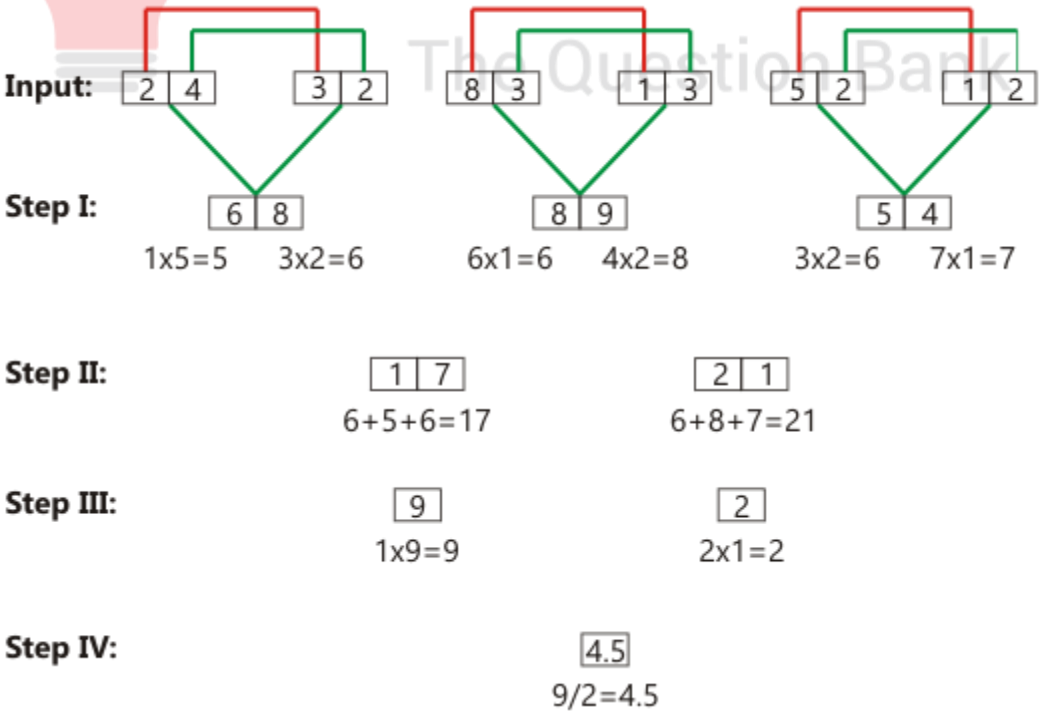
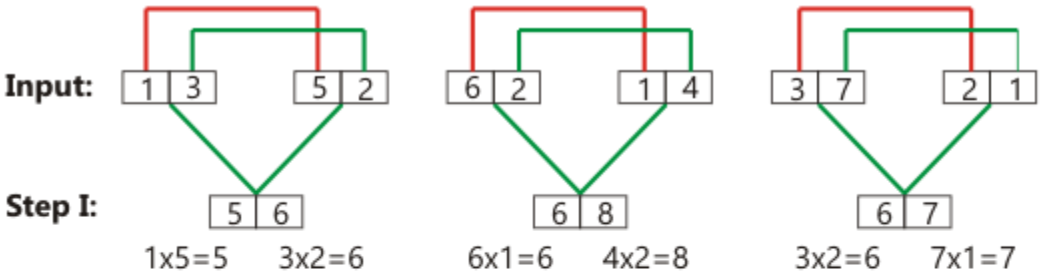


**Inferences:**

So we can use the same pattern in our final solution 7 ÷ 2 = 3.5




**Step II:**

1 7 — 6+5+6=17

2 1 — 6+8+7=21

**Step III:**

7 — 1x7=7

2 — 2x1=2

**Step IV:**

3.5 — 7/2=3.5

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## Answers :

**1.** Following the common explanation, we can say that 3.5 is the last step.

Hence, the correct answer is option C.

**2.** The sum of the numbers of step III is 9.

Hence, the correct answer is option A.

**3.** If we do half of each number in step II, the difference of those numbers will be 2.

Hence, the correct answer is option D.

**4.** 67 is in step I.

Hence, the correct answer is option D.

**5.** The resultant number will be 31.5

Hence, the correct answer is option A.

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