



## Missing number series Questions PDF with detailed solutions

Missing Number series questions are the popular type of questions in competitive exams. Number series questions carry a weightage of 5-6 questions(5 - 6 marks) in bank exams. To get a good rank in competitive exams, it is important to be able to solve number series questions quickly and accurately.

Here are some tips for solving missing number series questions: identify the type of question, look for patterns in the numbers, use elimination to rule out incorrect answers, and practice regularly.

So, we have attached 10 missing number series questions for you to practice with. You should aim to solve these questions in less than half a minute for each.

## Practice Questions on Missing Number Series

You can also download the missing number series questions and answers pdf. Just click on the **Download PDF** button. So let's start with the very first question.

**Directions(Q1-Q10):** What will come in the place of the question mark (?) in the following number series?

**Q:1** 32, 36, 99, ?, 6921

1. 99
2. 313
3. 6921
4. 32
5. 1377

(**Difficulty: 2, Estimated Time: 20 Seconds**) It was very easy, right?

**Q:2** ?, 17, 38, 81, 148, 227

1. 10
2. 7
3. 14
4. 12
5. 4

(**Difficulty: 2, Estimated Time: 15 Seconds**) This is also too easy. Did you guess it right?

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**Q:3** 2, 4, 12, 68, 630, ?

1. 7782
2. 1042
3. 8052
4. 7700
5. 7082

(**Difficulty: 2, Estimated Time:** 15 Seconds) Should we raise the level of questions?

**Q:4** 112, 555, 672, 791, 912, ?, 1160

1. 1035
2. 1029
3. 1018
4. 1006
5. 1046

(**Difficulty: 3, Estimated Time:** 25 Seconds) Now, this was some good. Have you got all your questions correct so far?

**Q:5** 1, 2, 6, 15, ?, 56

1. 15
2. 31
3. 16
4. 47
5. 48

(**Difficulty: 3, Estimated Time:** 20 Seconds) We're halfway through. We will increase the difficulty level from now.

**Q:6** 0, 7, 26, 63, ?, 215, 342

1. 125
2. 124
3. 122



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4. 109

5. 117

(**Difficulty:** 3, **Estimated Time:** 20 Seconds) The time is ticking. Hurry up!

**Q:7** ?, 16, 57, 244, 1245, 7506

1. 10

2. 12

3. 8

4. 6

5. 4

(**Difficulty:** 2, **Estimated Time:** 15 Seconds) This was a tricky one. Right?

**Q:8** 980, 392, 156.8, 62.72, 25.088, ?

1. 10.0352

2. 11.4528

3. 90.258

4. 17.0352

5. 72.5124

(**Difficulty:** 3, **Estimated Time:** 15 Seconds) It is a hard question but I think now you're prepared for it. Did you guess it right?

**Q:9** 6, 9, 18, 27, 54, ?, 162

1. 60

2. 72

3. 81

4. 55

5. 90

(**Difficulty:** 4, **Estimated Time:** 25 Seconds) It is different type of question. But you'll get these type of questions in the exam too. So, prepare yourself!



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**Q:10** 3410, 3285, 3069, 2726, 2214, ?

1. 1576
2. 1284
3. 1326
4. 1485
5. 1375

(Difficulty: 3, Estimated Time: 20 Seconds) Did you guess them all correctly?

## Answer Key

Let's check out your score in this test.

1. (5)	2. (2)	3. (1)	4. (1)	5. (2)
6. (2)	7. (4)	8. (1)	9. (3)	10. (4)

Comment below your score, considering each question has 1 mark only. If you scored 8 to 10, congratulations! You are one step closer to selection. If you have scored 5 to 8 marks, then you are doing well, keep it up. If you have scored less than 5 marks then you need to work a little harder on this subject. But don't worry, we are here to help you master the subject.

Let's check the answers and solutions and try to find out what went wrong.

## Answers and Solutions

**Q:1** The correct answer is **Option 5** i.e. **1377**.

The series follows the following pattern

$$32 \times 1 + 2^2 = 36$$

$$36 \times 2 + 3^3 = 99$$

$$99 \times 3 + 4^2 = 313$$

$$313 \times 4 + 5^3 = 1377$$

$$1377 \times 5 + 6^2 = 6921$$

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**Q:2** The correct answer is **Option 2** i.e. **7**.

The series follows the given pattern

$$2 \times 3 + 1 = 7$$

$$3 \times 5 + 2 = 17$$

$$5 \times 7 + 3 = 38$$

$$7 \times 11 + 4 = 81$$

$$11 \times 13 + 5 = 148$$

$$13 \times 17 + 6 = 227$$

**Q:3** The correct answer is **Option 1** i.e. **7782**.

2, 4, 12, 68, 630, ?

The series follows the given pattern

$$1^0 + 1 = 2$$

$$2^1 + 2 = 4$$

$$3^2 + 3 = 12$$

$$4^3 + 4 = 68$$

$$5^4 + 5 = 630$$

$$6^5 + 6 = 7782$$

$$\text{So, } ? = 7782$$

**Q:4** The correct answer is **Option 1** i.e. **1035**.

The series follows the given pattern

$$[(112 \times 5) - 5] = 560 - 5 = 555$$

$$[(112 + 1) \times 6] - 6 = 678 - 6 = 672$$

$$[(112 + 2) \times 7] - 7 = 798 - 7 = 791$$

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$$[(112 + 3) \times 8] - 8 = 920 - 8 = 912$$

$$[(112 + 4) \times 9] - 9 = 1044 - 9 = 1035$$

$$[(112 + 5) \times 10] - 10 = 1170 - 10 = 1160$$

Thus, the missing term in the series is 1035.

**Q:5** The correct answer is **Option 2** i.e. **31**.

The series pattern is as follows:

$$2 - 1 = 1 = 1^2$$

$$6 - 2 = 4 = 2^2$$

$$15 - 6 = 9 = 3^2$$

So, next difference will be  $16 = 4^2$

Missing number will be  $15 + 16 = 31$

**Q:6** The correct answer is **Option 2** i.e. **124**.

We have to find missing terms with the help of a series of pattern

So, The series pattern is as follows

$$1^3 - 1 = 0$$

$$2^3 - 1 = 7$$

$$3^3 - 1 = 26$$

$$4^3 - 1 = 63$$

$$5^3 - 1 = 124$$

$$6^3 - 1 = 215$$

$$7^3 - 1 = 342$$

Hence, ? = 124

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**Q:7** The correct answer is **Option 4** i.e. **6**.

We have to find missing terms with the help of a series pattern.

So, the series pattern is as follows

$$6 \times 2 + 2^2 = 16$$

$$16 \times 3 + 3^2 = 57$$

$$57 \times 4 + 4^2 = 244$$

$$244 \times 5 + 5^2 = 1245$$

$$1245 \times 6 + 6^2 = 7506$$

Hence, ? = 6

**Q:8** The correct answer is **Option 1** i.e. **10.0352**.

We have to find missing terms with the help of a series pattern.

So, The series pattern is as follows

$$980 \div 2.5 = 392$$

$$392 \div 2.5 = 156.8$$

$$156.8 \div 2.5 = 62.72$$

$$62.72 \div 2.5 = 25.088$$

$$25.088 \div 2.5 = 10.0352$$

Hence, ? = 10.0352

**Q:9** The correct answer is **Option 3** i.e. **81**.

We have to find missing terms with the help of a series pattern.

So, The series pattern is as follows

$$6 \times 3/2 = 9$$

$$9 \times 2 = 18$$

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$$18 \times 3/2 = 27$$

$$27 \times 2 = 54$$

$$54 \times 3/2 = 81$$

$$81 \times 2 = 16$$

$$\text{Hence, ?} = 81$$

**Q:10** The correct answer is **Option 4** i.e. **1485**.

The given number series is based on the following pattern-

$$a - 5^3 = b$$

$$b - 6^3 = c$$

$$c - 7^3 = d$$

$$d - 8^3 = e$$

and so on .....

$$3410 - 5^3 = 3285 \quad 3285 - 6^3 = 3069 \quad 3069 - 7^3 = 2726 \quad 2726 - 8^3 = 2214$$

$$2214 - 9^3 = 1485$$

Thus, the missing term in the series is 1485.

So, this is it for today. We will meet again with another new topic. Till then, you can practice the questions again by downloading the PDF of missing number series.