



# TIMO practice: Mystery number table (with solutions)

12 problems · Grade 1, 2, 3 · answers and solutions at the end

Name \_\_\_\_\_

Date \_\_\_\_\_



Practise this type in the Karotto app, with questions read aloud and hints when stuck. Scan the code or visit [playkarotto.com](https://playkarotto.com)

## Grade 1

- 1 In each row, the third number is made from the first two in the same way. Find the number for the question mark.

7 4 12

4 2 7

3 8

Answer: \_\_\_\_\_

- 2 In each row, the third number is made from the first two in the same way. Find the number for the question mark.

3 5 9

8 6 15

9 6

Answer: \_\_\_\_\_

- 3 In each row, the third number is made from the first two in the same way. Find the number for the question mark.

5 8 13

8 2 10

7 7

Answer: \_\_\_\_\_

- 4 In each row, the third number is made from the first two in the same way. Find the number for the question mark.

3 8 11

9 9 18

6 7

Answer: \_\_\_\_\_

## Grade 2

- 5 In each row, the third number is made from the first two in the same way. Find the number for the question mark.

8 5 26

11 5 32

7 12

Answer: \_\_\_\_\_

- 6 In each row, the third number is made from the first two in the same way. Find the number for the question mark.

2 8 16

11 11 121

2 9

Answer: \_\_\_\_\_

- 7 In each row, the third number is made from the first two in the same way. Find the number for the question mark.

11 7 77

9 11 99

10 4

Answer: \_\_\_\_\_

- 8** In each row, the third number is made from the first two in the same way. Find the number for the question mark.

**3 2 5**

**7 12 19**

**12 3**

Answer: \_\_\_\_\_

### Grade 3

- 9** In each row, the third number is made from the first two in the same way. Find the number for the question mark.

**8 11 30**

**10 12 34**

**4 4**

Answer: \_\_\_\_\_

- 10** In each row, the third number is made from the first two in the same way. Find the number for the question mark.

**10 4 30**

**6 2 6**

**7 13**

Answer: \_\_\_\_\_

- 11** In each row, the third number is made from the first two in the same way. Find the number for the question mark.

**8 9 64**

**2 5 8**

**7 12**

Answer: \_\_\_\_\_

12

In each row, the third number is made from the first two in the same way. Find the number for the question mark.

15   7   44

6   10   32

4   13  

Answer: \_\_\_\_\_

# Answers and solutions: Mystery number table

---

## 1. Answer: 12 · Grade 1

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: 7 plus 4 plus 1 equals 12. Row two: 4 plus 2 plus 1 equals 7. So row three: 3 plus 8 plus 1 equals 12.

---

## 2. Answer: 16 · Grade 1

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: 3 plus 5 plus 1 equals 9. Row two: 8 plus 6 plus 1 equals 15. So row three: 9 plus 6 plus 1 equals 16.

---

## 3. Answer: 14 · Grade 1

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: 5 plus 8 equals 13. Row two: 8 plus 2 equals 10. So row three: 7 plus 7 equals 14.

---

## 4. Answer: 13 · Grade 1

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: 3 plus 8 equals 11. Row two: 9 plus 9 equals 18. So row three: 6 plus 7 equals 13.

---

## 5. Answer: 38 · Grade 2

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: (8 plus 5) times 2 equals 26. Row two: (11 plus 5) times 2 equals 32. So row three: (7 plus 12) times 2 equals 38.

---

## 6. Answer: 18 · Grade 2

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: 2 times 8 equals 16. Row two: 11 times 11 equals 121. So row three: 2 times 9 equals 18.

---

## 7. Answer: 40 · Grade 2

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: 11 times 7 equals 77. Row two: 9 times 11 equals 99. So row three: 10 times 4 equals 40.

---

## 8. Answer: 15 · Grade 2

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: 3 plus 2 equals 5. Row two: 7 plus 12 equals 19. So row three: 12 plus 3 equals 15.

---

## 9. Answer: 12 · Grade 3

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: 8 plus 11 times 2 equals 30. Row two: 10 plus 12 times 2 equals 34. So row three: 4 plus 4 times 2 equals 12.

---

## 10. Answer: 84 · Grade 3

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: 10 times 4 minus 10 equals 30. Row two: 6 times 2 minus 6 equals 6. So row three: 7 times 13 minus 7 equals 84.

---

## 11. Answer: 77 · Grade 3

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: 8 times 9 minus 8 equals 64. Row two: 2 times 5 minus 2 equals 8. So row three: 7 times 12 minus 7 equals 77.

---

## 12. Answer: 34 · Grade 3

How to think: Look at the first row: how do the first two numbers make the third? Try adding, taking away, multiplying.

Solution: Row one: (15 plus 7) times 2 equals 44. Row two: (6 plus 10) times 2 equals 32. So row three: (4 plus 13) times 2 equals 34.

---