



TIMO practice: Adding or taking the same each time (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

Grade 1

- 1 Find the pattern, then fill in the next number in the empty box.

51 48 45 42 ?

Answer: _____

- 2 Find the pattern, then fill in the next number in the empty box.

66 73 80 87 ?

Answer: _____

- 3 Find the pattern, then fill in the next number in the empty box.

12 14 16 18 ?

Answer: _____

- 4 Find the pattern, then fill in the next number in the empty box.

84 74 64 54 ?

Answer: _____

Grade 2

- 5 Find the pattern, then fill in the missing number in the empty box.

114 118 ? 126 130

Answer: _____

- 6 Find the pattern, then fill in the missing number in the empty box.

241 225 209 ? 177

Answer: _____

- 7 Find the pattern, then fill in the missing number in the empty box.

444 454 464 ? 484

Answer: _____

- 8 Find the pattern, then fill in the missing number in the empty box.

167 192 ? 242 267

Answer: _____

Grade 3

- 9 Find the pattern, then fill in the missing number in the empty box.

720 731 744 ? 776 795

Answer: _____

- 10 Find the pattern, then fill in the next number in the empty box.

631 643 658 676 697 ?

Answer: _____

- 11 Find the pattern, then fill in the missing number in the empty box.

146 158 171 ? 200

Answer: _____

- 12 Find the pattern, then fill in the next number in the empty box.

105 121 136 150 ?

Answer: _____

Answers and solutions: Adding or taking the same each time

1. Answer: 39 · Grade 1

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The next step takes away 3: 42 minus 3 equals 39.

2. Answer: 94 · Grade 1

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The next step adds 7: 87 plus 7 equals 94.

3. Answer: 20 · Grade 1

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The next step adds 2: 18 plus 2 equals 20.

4. Answer: 44 · Grade 1

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The next step takes away 10: 54 minus 10 equals 44.

5. Answer: 122 · Grade 2

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The step into the empty box adds 4: 118 plus 4 equals 122. Check: 122 plus 4 equals 126.

6. Answer: 193 · Grade 2

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The step into the empty box takes away 16: 209 minus 16 equals 193. Check: 193 minus 16 equals 177.

7. Answer: 474 · Grade 2

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The step into the empty box adds 10: 464 plus 10 equals 474. Check: 474 plus 10 equals 484.

8. Answer: 217 · Grade 2

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The step into the empty box adds 25: 192 plus 25 equals 217. Check: 217 plus 25 equals 242.

9. Answer: 759 · Grade 3

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The step into the empty box adds 15: 744 plus 15 equals 759. Check: 759 plus 17 equals 776.

10. Answer: 721 · Grade 3

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The next step adds 24: 697 plus 24 equals 721.

11. Answer: 185 · Grade 3

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The step into the empty box adds 14: 171 plus 14 equals 185. Check: 185 plus 15 equals 200.

12. Answer: 163 · Grade 3

How to think: Look at each pair of numbers side by side. How much bigger or smaller is the next number?

Solution: The next step adds 13: 150 plus 13 equals 163.
