



TIMO practice: Even or odd (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 Is the answer to this sum even or odd?

$$7 + 15 + 17 + 17$$

☐ A Even ☐ B Odd

Answer: _____

2 Is the answer to this sum even or odd?

$$10 + 15 + 12 + 11 + 18$$

☐ A Even ☐ B Odd

Answer: _____

3 Is the answer to this sum even or odd?

$$13 + 17 + 6 + 4$$

☐ A Even ☐ B Odd

Answer: _____

4 Is the answer to this sum even or odd?

$$5 + 6 + 17$$

☐ A Even ☐ B Odd

Answer: _____

Grade 2

5 Is the answer to this sum even or odd?

$$15 + 26 + 26 + 3$$

☐ A Even ☐ B Odd

Answer: _____

6 Is the answer to this sum even or odd?

$$2 + 3 + 4 + \dots + 8$$

☐ A Even ☐ B Odd

Answer: _____

7 Is the answer to this sum even or odd?

$$20 + 5 - 13 + 5 + 6 + 29$$

☐ A Even ☐ B Odd

Answer: _____

8 Is the answer to this sum even or odd?

$$17 + 6 + 4 + 25 + 4$$

☐ A Even ☐ B Odd

Answer: _____

Grade 3

9 Is the answer to this sum even or odd?

$$30 + 31 + 32 + 33 + 34 + 35$$

☐ A Even ☐ B Odd

Answer: _____

10 Is the answer to this sum even or odd?

$$6 \times 6 + 6 \times 3$$

☐ A Even ☐ B Odd

Answer: _____

11 Is the answer to this sum even or odd?

$$55 + 42 + 86 - 27 + 78 - 84$$

☐ A Even ☐ B Odd

Answer: _____

12 Is the answer to this sum even or odd?

$$34 + 35 + 36 + \dots + 41$$

☐ A Even ☐ B Odd

Answer: _____

Answers and solutions: Even or odd

1. Answer: **Even** · Grade 1

How to think: You don't need to work out the whole sum. Just count how many odd numbers there are.

Solution: There are 4 odd numbers. They pair up with none left over, so the answer is even.

2. Answer: **Even** · Grade 1

How to think: You don't need to work out the whole sum. Just count how many odd numbers there are.

Solution: There are 2 odd numbers. They pair up with none left over, so the answer is even.

3. Answer: **Even** · Grade 1

How to think: You don't need to work out the whole sum. Just count how many odd numbers there are.

Solution: There are 2 odd numbers. They pair up with none left over, so the answer is even.

4. Answer: **Even** · Grade 1

How to think: You don't need to work out the whole sum. Just count how many odd numbers there are.

Solution: There are 2 odd numbers. They pair up with none left over, so the answer is even.

5. Answer: **Even** · Grade 2

How to think: You don't need to work out the whole sum. Just count how many odd numbers there are.

Solution: There are 2 odd numbers. They pair up with none left over, so the answer is even.

6. Answer: **Odd** · Grade 2

How to think: You don't need to work out the whole sum. Just count how many odd numbers there are.

Solution: There are 3 odd numbers. Pairing them up leaves one odd number over, so the answer is odd.

7. Answer: **Even** · Grade 2

How to think: No need to work it out. Count the odd numbers: numbers taken away count the same as numbers added.

Solution: There are 4 odd numbers. They pair up with none left over, so the answer is even.

8. Answer: **Even** · Grade 2

How to think: You don't need to work out the whole sum. Just count how many odd numbers there are.

Solution: There are 2 odd numbers. They pair up with none left over, so the answer is even.

9. Answer: **Odd** · Grade 3

How to think: You don't need to work out the whole sum. Just count how many odd numbers there are.

Solution: There are 3 odd numbers. Pairing them up leaves one odd number over, so the answer is odd.

10. Answer: **Even** · Grade 3

How to think: Work out each multiplication first, then see if each answer is even or odd.

Solution: 6 times 6 equals 36, 6 times 3 equals 18. There are no odd numbers, so the answer is even.

11. Answer: **Even** · Grade 3

How to think: No need to work it out. Count the odd numbers: numbers taken away count the same as numbers added.

Solution: There are 2 odd numbers. They pair up with none left over, so the answer is even.

12. Answer: **Even** · Grade 3

How to think: You don't need to work out the whole sum. Just count how many odd numbers there are.

Solution: There are 4 odd numbers. They pair up with none left over, so the answer is even.
