Even and Odd Numbers: Level 3

2nd Grade

Challenge · Even and odd word problems and patterns

Name: _____ Date: _____

1. There are 17 monarch butterflies. They fly in pairs. Will every butterfly have a partner? Explain.

2. Mia has 24 marigolds. She plants them in 2 equal rows. How many go in each row? Is 24 even or odd?

3. Add two even numbers: 6 + 8 = ___ and 10 + 4 = ___. Is the sum even or odd?

4. Add two odd numbers: 5 + 7 = ___ and 9 + 3 = ___. Is the sum even or odd?

5. Add an even and an odd number: 6 + 5 = ___ and 8 + 9 = ___. Is the sum even or odd?

6. Sam made 2 equal rows of apples with 9 apples in each row. How many apples? Even or odd?

7. I am an odd number between 40 and 50. My digits add up to 13. What number am I?

Safari Challenge

Write your own even-or-odd story problem for a friend to solve.

_____

_____

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Even and Odd Numbers: Level 3

ANSWER KEY 2nd Grade

Challenge · Even and odd word problems and patterns

1. There are 17 monarch butterflies. They fly in pairs. Will every butterfly have a partner? Explain.

No. 17 is odd, so 8 pairs are made and 1 butterfly is left over.

2. Mia has 24 marigolds. She plants them in 2 equal rows. How many go in each row? Is 24 even or odd?

12 in each row. 24 is even.

3. Add two even numbers: 6 + 8 = ___ and 10 + 4 = ___. Is the sum even or odd?

14 and 14. Even + even = even.

4. Add two odd numbers: 5 + 7 = ___ and 9 + 3 = ___. Is the sum even or odd?

12 and 12. Odd + odd = even.

5. Add an even and an odd number: 6 + 5 = ___ and 8 + 9 = ___. Is the sum even or odd?

11 and 17. Even + odd = odd.

6. Sam made 2 equal rows of apples with 9 apples in each row. How many apples? Even or odd?

18 apples. 18 is even (9 + 9).

7. I am an odd number between 40 and 50. My digits add up to 13. What number am I?

49

Safari Challenge

Write your own even-or-odd story problem for a friend to solve.

Answers will vary.

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