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DATE:

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NUMBERS

EVEN AND ODD NUMBERS

KS2 MATHEMATICS

INSTRUCTIONS:

- ▶ANSWER ALL QUESTIONS
- ▶ALL WORKINGS MUST BE SHOWN
- ▶USE THE CALCULATOR WHEN EXPECTED

MARK GRADE

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Answers.

1. What do we mean by an "even number"?

Answer: An even number is a number that can be divided by 2 with no remainder. It ends in 0, 2, 4, 6, or 8.

2. Which of these numbers is odd: 6, 9, 12, 18?

Answer: 9 is the odd number.

3. Circle all the even numbers: 1, 4, 7, 10, 13.

Answer: 4 and 10.

4. Is 0 an even number? Explain your answer.

Answer: Yes, 0 is an even number because $0 \div 2 = 0$ with no remainder.

5. What is the next even number after 28?

Answer: 30

6. If you add two odd numbers together, will the answer be odd or even?

Answer: Even (e.g., $3 + 5 = 8$)

7. Are all multiples of 2 even numbers? Give an example.

Answer: Yes. For example, $2 \times 7 = 14$, and 14 is even.

8. Tom says "17 is an even number because it ends in a 7." Is he correct? Explain why.

Answer: No, Tom is incorrect. Numbers ending in 7 are odd, and 17 is not divisible by 2.

9. What happens when you add an odd number and an even number? Try it with $5 + 8$.

Answer: The answer is odd ($5 + 8 = 13$).

10. Write 3 even numbers and 3 odd numbers between 10 and 20.

Answer: Even: 12, 14, 16 | Odd: 11, 13, 17

