

Grade 5 Assessment - Number sequences, operations, special numbers

*Bắt buộc

1. Email *

2. 1) What numbers complete this sequence?

1 điểm

226 329, , 306 329, , 386 329

3. 2) What numbers complete this sequence?

1 điểm

..... , 1428, -1572, , -7572

4. 3)

1 điểm

Here is part of the number sequence.

5, 10, 15, 20, 25, ...

The sequence continues in the same way.

What is the next odd number in the sequence?

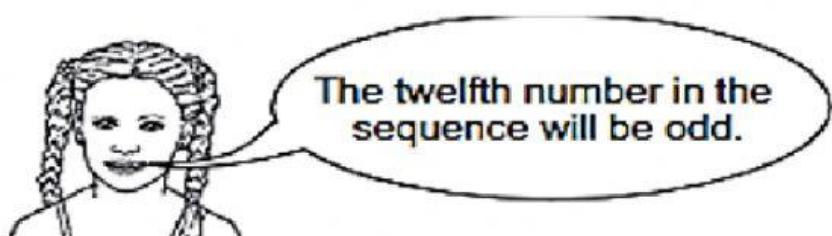
5. 4)

1 điểm

Here is part of the number sequence.

5, 10, 15, 20, 25, ...

Lily says



Is Lily correct? Explain your answer.

6. 5)

1 điểm

Which two calculations give the same answer?

- A) $6 + 4 \times 7$
- B) $(6 + 4) \times 7$
- C) $6 + (4 \times 7)$

7. 6) Work out the answer.

1 điểm

$$72 \div 9 + 7 \times 5 = \boxed{}$$

8. 7) Work out the answer.

1 điểm

$$14 + 35 \div 7 - 10 = \boxed{}$$

9. 8)

1 điểm

Work out the missing number.

$$2 \times (3 + 4) \times \boxed{\quad} = 70$$

10. 9) Alex has 3 boxes of eggs. There are 6 eggs in each box. He takes one egg out of each box. Which calculation shows the total number of eggs in the boxes now?

- (3 x 6) - 1
- 3 x (6 - 1)
- 3 x 6 - 1

11. 10) Put brackets in the statement to make it correct. 1 điểm

$$68 \div 2 + 2 \times 8 + 31 - 42 = 39$$

12. 11) Put brackets in the statement to make it correct. 1 điểm

$$64 - 16 \div 3 + 2 \times 6 = 28$$

13. 12)

1 điểm

Here is part of a 100 square. There are counters on some numbers.

13	14	15	<input type="radio"/>	17	18	19
23	24	<input type="radio"/>	26	27	28	29
33	34	35	<input type="radio"/>	37	38	39
43	44	45	46	47	48	<input type="radio"/>
53	54	55	56	57	58	59
63	<input type="radio"/>	65	66	67	68	69

a) What mathematical property do these numbers have in common?

14. 12)

1 điểm

Here is part of a 100 square. There are counters on some numbers.

13	14	15	<input type="radio"/>	17	18	19
23	24	<input type="radio"/>	26	27	28	29
33	34	35	<input type="radio"/>	37	38	39
43	44	45	46	47	48	<input type="radio"/>
53	54	55	56	57	58	59
63	<input type="radio"/>	65	66	67	68	69

b) On a full 100 square what is the next number to be covered?

15. 13) Use each digit 1, 2, 7 and 9 once to make two 2-digit prime numbers.

1 điểm

16. 14) Which prime numbers can you see?

1 điểm

18 27 23 8 7

33 39 37 22 16

3 6 9 5 11

30 41 36 25 29

17 32 38 13 47

30 38 28 16 40

5 25 35 45 15

16 4 2 12 18

17. 15) Write all factors of 48.

1 điểm

18. 16) Write all common multiples of 4 and 6 less than 60.

1 điểm

19. 17) Is 1 a prime number? Explain your answer.

1 điểm

20. 18) The formula to find the nth term of the following sequence is $8n + 1$. What is the 9th term? 1 điểm

9 17 25 33

21. 19) The formula to find the nth term of the following sequence is $6n - 5$. What is the 11th term? 1 điểm

1 7 13 19

22. 20) What is the formula of finding the nth term of the following sequence? 1 điểm

12 15 18 21 24

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