

Mental arithmetic test 5

1. Write the missing pair of factors for 32.

32 \rightarrow (1, 32) (2, 16) (____, ____)

2. Circle the numbers that are multiples of both 2 and 9.

27 64 36
72 45

3. $5^2 =$ ____

4. Circle the prime number.

39 43 33
21 15

5. What is the lowest common multiple of 4 and 7?

6. Write the missing factor for 50.

1, 2, 5, 10, ____, 50

Look at these numbers for 7-8.

36	24	12	_____
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7. Write the rule for this sequence of numbers.

The rule is _____

8. What would be the next number in this sequence?

9. Circle the numbers that are multiples of both 6 and 8.

42 72 48
56 36

10. $6^2 =$ ____

11. What are the common factors of 42 and 21?

Look at these numbers for 12-13.

5.5	5.9	6.3	6.7	_____
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12. Write the rule for this sequence of numbers.

The rule is _____

13. What would be the next number in this sequence?

14. $8^2 =$ ____

15. What is the next prime number after 19?

Look at this chart for 16-17.

A	0	1	2	3	4	5	n
B	0	3	6	9	12	_____	?

16. Write in the chart the value of B when A is 5.

17. Circle the correct rule for the relationship between A and B.

$n + 3$ $3n$ $2n + 1$ $4n - 1$

18. $11^2 =$ ____

19. What are the common factors of 18, 9 and 27?

20. What is the lowest common multiple of 4, 3 and 6?
