NUMERICAL AND LOGICAL REASONING - PRACTICE TEST | NEW BRUNSWICK FOUNDATIONS OF MATHEMATICS 110 · UNIT A · 10 QUESTIONS

Numerical and Logical Reasoning — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The greatest common factor of 9 and 15 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The prime factorization of 49 uses the prime factor 2 or 3 or 7 or 9. The number of prime factors counting repeats in 49 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The sum of the first 5 positive even integers is**

ANSWER _____

Understand It with Pulse | Flag a mistake

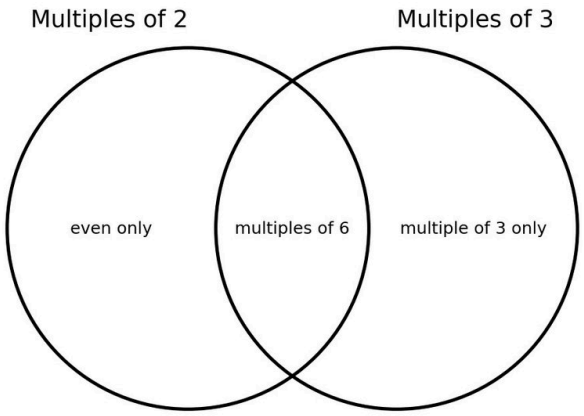
4 **The sum of the first 10 positive integers is**

ANSWER

Understand It with Pulse | Flag a mistake

5

The Venn diagram shows multiples of 2 and multiples of 3. The number 12 belongs in the



Question 5

The Venn diagram shows multiples of 2 and multiples of 3. The number 12 belongs in the

A) multiples of 2 only region

B) multiples of 3 only region

C) outside both circles

D) overlap of both circles

A multiples of 2 only region

B multiples of 3 only region

C outside both circles

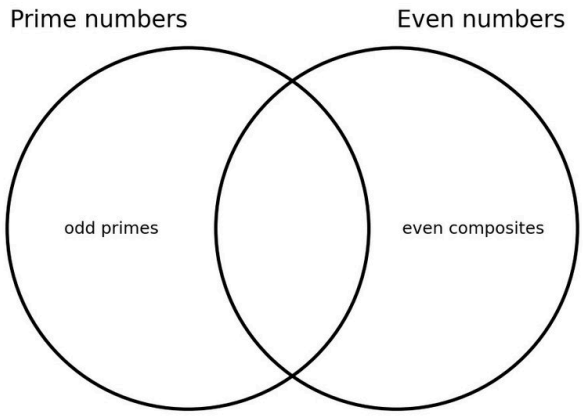
D overlap of both circles

Understand It with Pulse

Flag a mistake

6

The Venn diagram shows prime numbers and even numbers. The number 2 belongs in the



Question 6

The Venn diagram shows prime numbers and even numbers. The number 2 belongs in the

A) overlap of both circles

B) prime numbers only region

C) even numbers only region

D) outside both circles

A overlap of both circles

B prime numbers only region

C even numbers only region

D outside both circles

Understand It with Pulse

Flag a mistake

7 **The greatest common factor of 10 and 14 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The prime factorization of 64 uses the prime factor 2 or 3 or 7 or 9. The number of prime factors counting repeats in 64 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The greatest common factor of 30 and 45 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The prime factorization of 81 uses the prime factor 2 or 3 or 7 or 9. The number of prime factors counting repeats in 81 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	3	**5.**	D	**9.**	15
2.	2	**6.**	A	**10.**	4
3.	30	**7.**	2		
4.	55	**8.**	6		

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