Algebra — Practice Test

Quebec Mathematics, Cultural, Social and Technical Option, Secondary V • 10 questions

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 y intercept of $y=8x+3$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A product sells for 180 dollars and costs 45 dollars to make. The profit on one unit in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The sum of the roots of $x^2-14x+45=0$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A line with a negative slope is**

A decreasing

B increasing

C constant

D undefined

Understand It with Pulse | Flag a mistake

5 **The larger root of $x^2-14x+45=0$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The value of x that satisfies $2^x = 128$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **The y intercept of y=6x+3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A product sells for 230 dollars and costs 65 dollars to make. The profit on one unit in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The sum of the roots of x^2-17x+66=0 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The y intercept of y=6x+7 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	3	**5.**	9	**9.**	17
2.	135	**6.**	7	**10.**	7
3.	14	**7.**	3		
4.	A	**8.**	165		

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