QUEBEC MATHEMATICS, SCIENCE OPTION, SECONDARY IV · UNIT B · 10 QUESTIONS

Algebra — 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 **Evaluate $2^4 + 5$ when the exponent is 4**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Evaluate $2^4 + 7$ when the exponent is 4**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Expand (x+5)(x+6)**

A $x^2+11x+30$

B $x^2+-1x+30$

C $x^2+11x+11$

D $x^2+30x+11$

Understand It with Pulse | Flag a mistake

4 **The axis of symmetry of $y=x^2-6x+3$ is x equals**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Solve for x in $4x+7=5x+4$**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **Solve the system $x+y=16$ and $x-y=10$. The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **Simplify 6x+7x**

A 13x

B 42x

C 1x

D $x^{1}3$

Understand It with Pulse | Flag a mistake

8 **Evaluate 6x+4 when x=3**

ANSWER _____

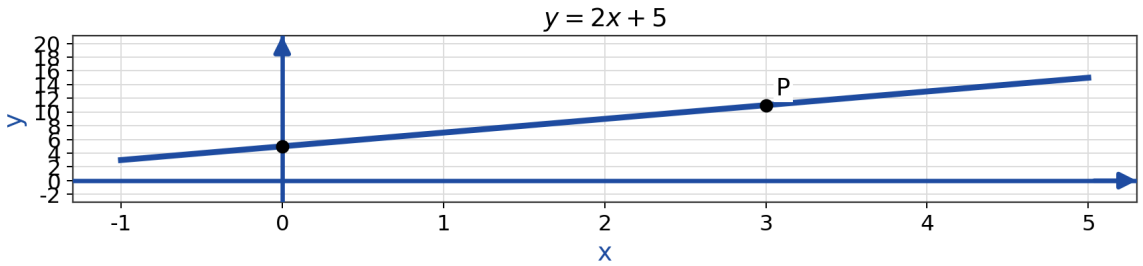
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9 **The y intercept of y=7x+5 is**

ANSWER _____

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10 **The graph shows the line y=2x+5. The value of y when x=3 is**



ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 21
2. 23
3. A
4. 3
5. 3
6. 13
7. A
8. 22
9. 5
10. 11

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