QUEBEC MATHEMATICS, SCIENCE OPTION, SECONDARY IV · UNIT B · 25 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 **Solve for x in 7x+4=39**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Solve for x in 4x+5=21**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The slope of the line through (2,3) and (5,15) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Solve for x in 5(x+4)=50**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The larger root of $x^2-9x+18=0$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **Evaluate $4x+5$ when $x=4$**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A line with a positive slope is**

A increasing

B decreasing

C constant

D undefined

Understand It with Pulse | Flag a mistake

8 **The larger root of $x^2-11x+28=0$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **Solve for x in $4x+5=6x+-1$**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Solve the system $x+y=14$ and $x-y=6$. The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **The larger root of $x^2-17x+66=0$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **Solve the system x+y=20 and x-y=8. The value of x is**

ANSWER

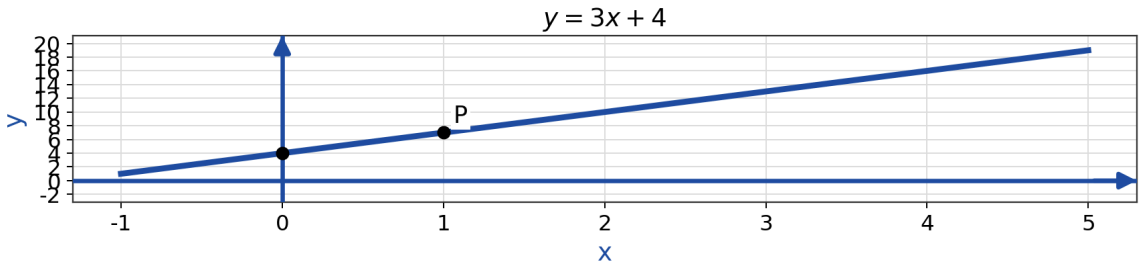
Understand It with Pulse | Flag a mistake

13 **Solve for x in 5x+4=7x+-2**

ANSWER

Understand It with Pulse | Flag a mistake

14 **The graph shows the line y=3x+4. The value of y when x=1 is**



ANSWER

Understand It with Pulse | Flag a mistake

15 **Solve for x in 8(x+7)=128**

ANSWER

Understand It with Pulse | Flag a mistake

16 **Solve for x in 5x+6=31**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **The axis of symmetry of $y=x^2-4x+5$ is x equals**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **Solve the system x+y=18 and x-y=8. The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **The larger root of $x^2-17x+70=0$ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **The y intercept of y=4x+9 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **The y intercept of y=6x+4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **The slope of the line through (1,1) and (4,13) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **Solve for x in 5x+9=34**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **The y intercept of y=5x+2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **Solve for x in 6x+7=37**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	5	**10.**	10	**19.**	10
2.	4	**11.**	11	**20.**	9
3.	4	**12.**	14	**21.**	4
4.	6	**13.**	3	**22.**	4
5.	6	**14.**	7	**23.**	5
6.	21	**15.**	9	**24.**	2
7.	A	**16.**	5	**25.**	5
8.	7	**17.**	2		
9.	3	**18.**	13		

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