NOVA SCOTIA MATHEMATICS AT WORK 11 · UNIT D · 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 **Solve for x . $\frac{x}{9} = 3$. The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Speed equals distance divided by time. Distance 180 kilometres and time 3 hours. Speed, in kilometres per hour, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A formula is useful at work because it**

A Removes units

B Relates quantities for calculation

C Replaces all measuring

D Gives only estimates

Understand It with Pulse | Flag a mistake

4 **Solve for x. 4x plus 1 equals 17. The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The value of 4^2 is**

A 12

B 20

C 8

D 16

Understand It with Pulse | Flag a mistake

6 **To solve x plus 7 equals 12, you should**

A Subtract 7 from both sides

B Divide both sides by 7

C Add 7 to both sides

D Multiply both sides by 7

Understand It with Pulse | Flag a mistake

7 **Solve for x . $\frac{x}{6}$ = 3 . The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **Speed equals distance divided by time. Distance 200 kilometres and time 4 hours. Speed, in kilometres per hour, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **Solve for x . $\frac{x}{8}$ = 4 . The value of x is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Speed equals distance divided by time. Distance 90 kilometres and time 3 hours. Speed, in kilometres per hour, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 27
2. 60
3. B
4. 4
5. D
6. A
7. 18
8. 50
9. 32
10. 30

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