NOVA SCOTIA MATHEMATICS AT WORK 10 · UNIT D

# Algebra — Practice Test

**Nova Scotia Mathematics at Work 10 • 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 **When n = 4 the value of 3 n - 5 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The expression for 3 less than a number n is**

A n minus 3

B 3 minus n

C 3 n

D n plus 3

Understand It with Pulse | Flag a mistake

3 **3 x plus 4 x equals**

A 12x

B 7x

C $7x^2$

D $3x^2$

Understand It with Pulse | Flag a mistake

4 **2 times open bracket x plus 5 close bracket equals**

A 2x + 5

B 2x + 7

C 2x + 10

D x + 10

Understand It with Pulse | Flag a mistake

**5** **The expression for 5 more than a number n is**

- A n - 5
- B 5n
- C 5 - n
- D n + 5

Understand It with Pulse | Flag a mistake

**6** **The expression for twice a number n is**

- A 2n
- B n + 2
- C n - 2
- D $n^2$

Understand It with Pulse | Flag a mistake

7 **In the equation 2 x plus 3 equals 11 the unknown is**

- A 2
- B x
- C 3
- D 11

Understand It with Pulse | Flag a mistake

8 **Solving an equation means finding the value of**

- A the coefficient only
- B the constant only
- C the unknown
- D the operation only

Understand It with Pulse | Flag a mistake

9 **A phone plan costs 20 dollars plus 2 dollars per gigabyte. For 5 gigabytes the cost in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A taxi charges 4 dollars plus 3 dollars per kilometre. For 6 kilometres the cost in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

## ANSWER KEY

| | | | | | |
|---|---|---|---|---|---|
| **1.** | 7 | **5.** | D | **9.** | 30 |
| **2.** | A | **6.** | A | **10.** | 22 |
| **3.** | B | **7.** | B | | |
| **4.** | C | **8.** | C | | |

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