NOVA SCOTIA MATHEMATICS AT WORK 11 · UNIT A

Measurement — Practice Test

Nova Scotia Mathematics at Work 11 • 25 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 **A floor is 10 metres long and 8 metres wide. At 6 dollars per m², the flooring cost, in dollars, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A paint can covers 500 m² and costs 8 dollars. Painting a wall of 500 m² costs, in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A rectangular yard is 20 metres by 15 metres. Fencing needed for its perimeter, in metres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A room length of 4 metres, in centimetres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A square garden bed has side 2 metres. Its area, in m², is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A storage box is 5 metres long, 4 metres wide, and 3 metres high. Its volume, in m³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A wall area is 240 m² and each roll covers 12 m². Rolls needed are**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **Concrete volume needed is 12 m³ at 150 dollars per m³. The cost, in dollars, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A m³ is a unit of**

A Length

B Area only

C Volume

D Mass

Understand It with Pulse | Flag a mistake

10 **A floor plan scale of 1 to 50 means 1 centimetre on paper equals**

- **A** 50 metres in real life
- **B** 1 metre in real life
- **C** 5 centimetres in real life
- **D** 50 centimetres in real life

Understand It with Pulse | Flag a mistake

11 **A floor is 12 metres long and 9 metres wide. At 5 dollars per m², the flooring cost, in dollars, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **A paint can covers 750 m² and costs 6 dollars. Painting a wall of 750 m² costs, in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **A rectangular yard is 30 metres by 20 metres. Fencing needed for its perimeter, in metres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **A room length of 6 metres, in centimetres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **A square garden bed has side 3 metres. Its area, in m², is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **A storage box is 6 metres long, 3 metres wide, and 3 metres high. Its volume, in m³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **A wall area is 360 m² and each roll covers 18 m². Rolls needed are**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **Concrete volume needed is 8 m³ at 200 dollars per m³. The cost, in dollars, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **A floor is 8 metres long and 6 metres wide. At 7 dollars per m², the flooring cost, in dollars, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **A paint can covers 300 m² and costs 10 dollars. Painting a wall of 300 m² costs, in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **A rectangular yard is 12 metres by 12 metres. Fencing needed for its perimeter, in metres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A room length of 8 metres, in centimetres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **A square garden bed has side 5 metres. Its area, in m², is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **A storage box is 4 metres long, 4 metres wide, and 2 metres high. Its volume, in m³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **A wall area is 180 m² and each roll covers 9 m². Rolls needed are**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 480
2. 8
3. 70
4. 400
5. 4
6. 60
7. 20
8. 1800
9. C
10. D
11. 540
12. 6
13. 100
14. 600
15. 9
16. 54
17. 20
18. 1600
19. 336
20. 10
21. 48
22. 800
23. 25
24. 32
25. 20

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