NOVA SCOTIA MATHEMATICS AT WORK 12 · UNIT A · 25 QUESTIONS

Measurement and Probability — 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 **Convert 2 metres and 200 centimetres to centimetres, giving a whole number.**

ANSWER _____

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2 **Convert 3 metres and 300 centimetres to centimetres, giving a whole number.**

ANSWER _____

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3 **Convert 1 metre and 150 centimetres to centimetres, giving a whole number.**

ANSWER _____

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4 **Convert 4 metres and 400 centimetres to centimetres, giving a whole number.**

ANSWER _____

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5 **Convert 2 metres and 250 centimetres to centimetres, giving a whole number.**

ANSWER _____

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6 **Convert 5 metres and 500 centimetres to centimetres, giving a whole number.**

ANSWER _____

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7 **Convert 3 metres and 150 centimetres to centimetres, giving a whole number.**

ANSWER _____

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8 **Convert 1 metre and 100 centimetres to centimetres, giving a whole number.**

ANSWER _____

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9 **Convert 6 metres and 600 centimetres to centimetres, giving a whole number.**

ANSWER _____

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10 **Convert 2 metres and 300 centimetres to centimetres, giving a whole number.**

ANSWER _____

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11 **Convert 4 metres and 250 centimetres to centimetres, giving a whole number.**

ANSWER _____

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12 **Convert 3 metres and 200 centimetres to centimetres, giving a whole number.**

ANSWER _____

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13 **Convert 5 metres and 250 centimetres to centimetres, giving a whole number.**

ANSWER _____

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14 **Convert 1 metre and 200 centimetres to centimetres, giving a whole number.**

ANSWER _____

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15 **One metre equals**

A 100 centimetres

B 10 centimetres

C 1000 centimetres

D 100 millimetres

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16 **One litre equals**

A 100 millilitres

B 1000 millilitres

C 10 millilitres

D 100 litres

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17 **One kilogram equals**

A 100 grams

B 10 grams

C 1000 grams

D 10000 grams

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18 **The area of a rectangle is**

A length + width

B 2 × length + width

C length ÷ width

D length × width

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19 **The perimeter of a rectangle is**

- **A** 2 × length + 2 × width
- **B** length × width
- **C** length + width
- **D** length²

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20 **The volume of a rectangular box is**

- **A** length + width + height
- **B** length × width × height
- **C** length × width
- **D** 2 × length + width

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21 **Probability is found by dividing favourable outcomes by**

- A unfavourable outcomes
- B the number of trials
- C total possible outcomes
- D 100

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22 **A probability of 0.25 means the event happens about**

- A one time in two
- B three times in four
- C every time
- D one time in four

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23 **In a fair coin toss, the probability of heads is**

- A 0.5
- B 1
- C 0.25
- D 0

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24 **To convert metres to centimetres, you**

- A divide by 100
- B multiply by 100
- C multiply by 10
- D divide by 10

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25 **To convert grams to kilograms, you**

A multiply by 1000

B divide by 100

C divide by 1000

D multiply by 100

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ANSWER KEY

1. 400
2. 600
3. 250
4. 800
5. 450
6. 1000
7. 450
8. 200
9. 1200
10. 500
11. 650
12. 500
13. 750
14. 300
15. A
16. B
17. C
18. D
19. A
20. B
21. C
22. D
23. A
24. B
25. C

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