NOVA SCOTIA MATHEMATICS AT WORK 12 · UNIT A

Measurement and Probability — Practice Test

Nova Scotia Mathematics at Work 12 • 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 **Convert 6 metres and 250 centimetres to centimetres, giving a whole number.**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Convert 2 metres and 400 centimetres to centimetres, giving a whole number.**

ANSWER _____

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3 **Convert 8 metres and 800 centimetres to centimetres, giving a whole number.**

ANSWER _____

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4 **The circumference of a circle is about**

A 3.14 × its diameter

B 3.14 × its radius

C 2 × its radius²

D its diameter²

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5 **A m² is a unit of**

A length

B area

C volume

D mass

Understand It with Pulse | Flag a mistake

6 **A cm^3 is a unit of**

- **A** area
- **B** length
- **C** volume
- **D** mass

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7 **If 3 out of 20 parts are faulty, the probability a part is faulty, as a decimal, is**

- **A** 0.3
- **B** 0.03
- **C** 0.6
- **D** 0.15

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8 **Experimental probability is based on**

A results of trials

B theory only

C a guess

D the largest outcome

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9 **Theoretical probability is based on**

A past results only

B counting equally likely outcomes

C opinions

D the weather

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10 **A measurement recorded to the nearest centimetre has an uncertainty of about**

A one metre

B one millimetre

C half a centimetre

D ten centimetres

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ANSWER KEY

1.	850	**5.**	B	**9.**	B
2.	600	**6.**	C	**10.**	C
3.	1600	**7.**	D		
4.	A	**8.**	A		

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