NEWFOUNDLAND AND LABRADOR MATHEMATICS 1202 · UNIT A · 25 QUESTIONS

Measurement and Area — 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 **A circle has radius 4. Using pi as 3.14, its area is**



A 50.74

B 49.74

C 50.24

D 51.24

Understand It with Pulse | Flag a mistake

2 **A length of 10 metres, changed to centimetres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A rectangle has length 4 and width 3. Its area is**

A 12

B 13

C 11

D 14

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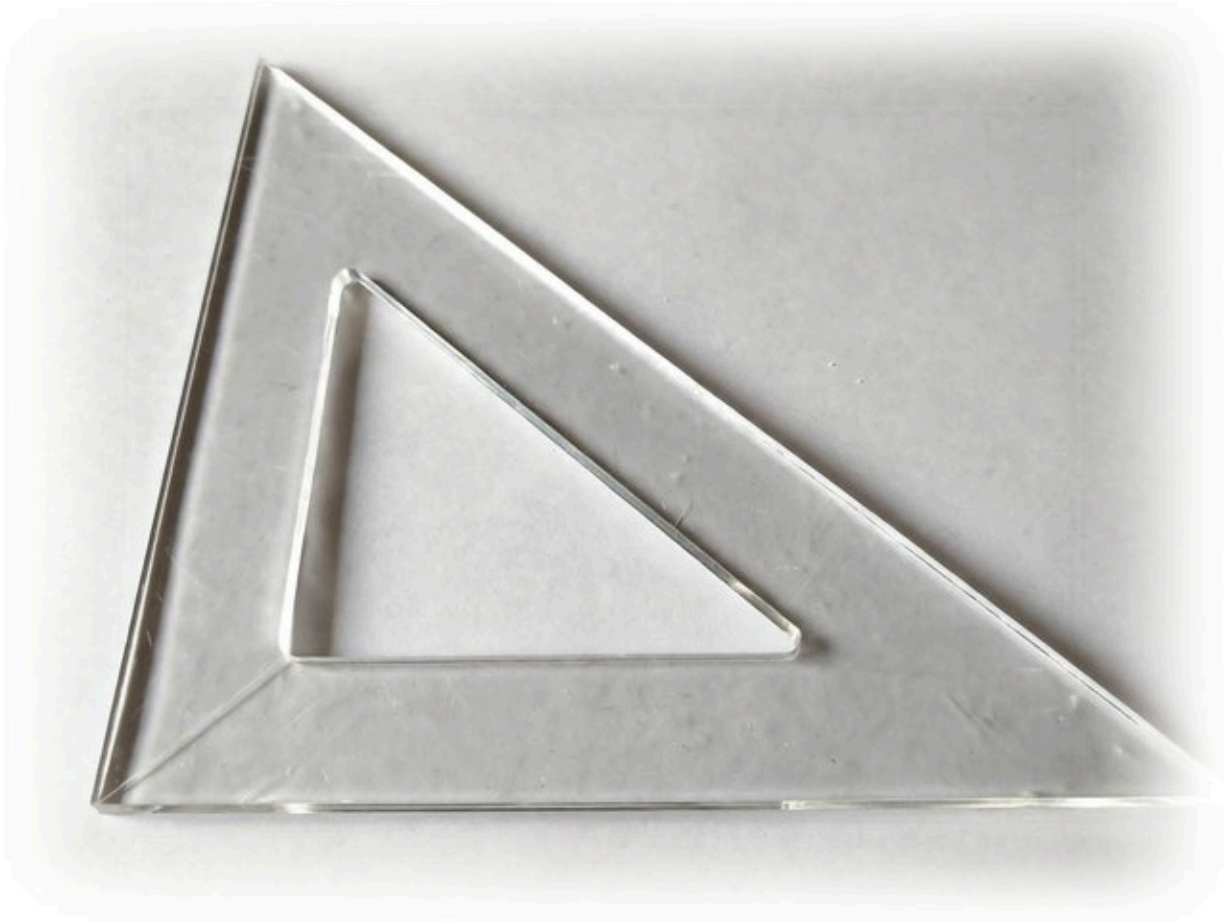
4 **A rectangle has length 3 and width 2. Its perimeter is**

- A 11
- B 9
- C 12
- D 10

Understand It with Pulse | Flag a mistake

5 **A triangle has base 16 and height 3. Its area is**



A 25

B 24

C 23

D 26

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6 **What is the meaning of area of a circle?**



A changing metres to centimetres or a similar change

B $\pi \times \text{radius}^2$

C the area of a square one metre on each side

D 2 × length + 2 × width

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7 **What is the meaning of area of a rectangle?**

- **A** $\frac{1}{2}$ × base × height
- **B** π × radius²
- **C** changing metres to centimetres or a similar change
- **D** length × width

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8 **What is the meaning of area of a triangle?**

- **A** $\frac{1}{2}$ × base × height
- **B** π × radius²
- **C** changing metres to centimetres or a similar change
- **D** the area of a square one metre on each side

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9 **What is the meaning of composite shape?**



A a close guess based on rounding

B a shape made from two or more simple shapes

C a tool used to measure length

D the area of the floor of a room

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10 **What is the meaning of estimate?**

A a tool used to measure length

B the area of the floor of a room

C a close guess based on rounding

D how long something is

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11 **What is the meaning of length?**



A how wide something is

B how long something is

C length × width

D half of base × height

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12 **What is the meaning of perimeter of a rectangle?**



A twice length + twice width

B a shape made from two or more simple shapes

C a close guess based on rounding

D a tool used to measure length

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13 **What is the meaning of m²?**

A twice length + twice width

B a shape made from two or more simple shapes

C a close guess based on rounding

D the area of a square one metre on each side

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14 **What is the meaning of unit conversion?**

A the area of a square one metre on each side

B twice length + twice width

C changing metres to centimetres or a similar change

D a shape made from two or more simple shapes

Understand It with Pulse | Flag a mistake

15 **What is the meaning of width?**

- A length × width
- B $\frac{1}{2}$ × base × height
- C how wide something is
- D π × radius²

Understand It with Pulse | Flag a mistake

16 **Which term matches this description: a close guess based on rounding?**

- A measuring tape
- B estimate
- C floor area
- D length

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17 **A circle has radius 2. Using pi as 3.14, its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **A length of 7 metres, changed to centimetres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **A rectangle has length 9 and width 4. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **A rectangle has length 11 and width 8. Its perimeter is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **A triangle has base 12 and height 4. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A circle has radius 5. Using pi as 3.14, its area is**

A 78.5

B 79

C 78

D 79.5

Understand It with Pulse | Flag a mistake

23 **A length of 5 metres, changed to centimetres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **A rectangle has length 12 and width 9. Its area is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **A rectangle has length 3 and width 6. Its perimeter is**

A 19

B 18

C 17

D 20

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ANSWER KEY

1. C
2. 1000
3. A
4. D
5. B
6. B
7. D
8. A
9. B
10. C
11. B
12. A
13. D
14. C
15. C
16. B
17. 12.56
18. 700
19. 36
20. 38
21. 24
22. A
23. 500
24. 108
25. B

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