QUEBEC APPLIED SCIENCE AND TECHNOLOGY, SECONDARY IV · UNIT C

Technological World - Graphical Language — Practice Test

Quebec Applied Science and Technology, Secondary IV • 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 drawing uses a scale of 1 to 20. A line measuring 2 centimetres on the drawing represents, in centimetres, a real length of**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A real length of 300 centimetres is drawn at a scale of 1 to 10. Its length on the drawing, in centimetres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A rectangular box has length 3 centimetres, width 3 centimetres and height 3 centimetres. Its total surface area, in cm², is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A development is the flat pattern that can be folded to make a**

- A drawing
- B photograph
- C map
- D solid

Understand It with Pulse | Flag a mistake

5 **A development of a triangular prism uses 2 triangles and 3 rectangles. The total number of faces in the development is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A dimension arrow points to the feature being**

- A painted
- B measured
- C heated
- D weighed

Understand It with Pulse | Flag a mistake

7 **A drawing is made at a scale of 1 to 100. A real length of 500 centimetres is drawn as, in centimetres**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A part needs 6 functional dimensions. Each is written once. The number of dimensions written is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A perspective drawing makes distant parts look**

- A larger
- B brighter
- C heavier
- D smaller

Understand It with Pulse | Flag a mistake

10 **A scale bar lets the reader measure lengths directly from the**

- A title
- B paper
- C drawing
- D ink

Understand It with Pulse | Flag a mistake

11 **A section view reveals internal features that would otherwise be**

A coloured

B hidden

C heavy

D expensive

Understand It with Pulse | Flag a mistake

12 **A sheet shows a front view, a top view and a side view. The number of views shown is**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **A standard symbol for a hole in a drawing is a**

- A triangle
- B square
- C star
- D circle

Understand It with Pulse | Flag a mistake

14 **A working drawing must contain enough information for a worker to**

- A paint the part
- B sell the part
- C weigh the part
- D make the part

Understand It with Pulse | Flag a mistake

15 **An assembly drawing shows how parts fit**

A apart

B by colour

C together

D by weight

Understand It with Pulse | Flag a mistake

16 **An isometric drawing shows length, width and height in one**

A colour

B material

C view

D price

Understand It with Pulse | Flag a mistake

17 **Drawing standards include line types, symbols and rules for**

A colouring

B dimensioning

C pricing

D weighing

Understand It with Pulse | Flag a mistake

18 **Functional dimensioning records dimensions that matter for the part to**

A look colourful

B weigh more

C work correctly

D cost more

Understand It with Pulse | Flag a mistake

19 **Use pi equals 3.14. A cylinder of radius 4 centimetres and height 3 centimetres has lateral area, in cm², of**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **A drawing uses a scale of 1 to 20. A line measuring 5 centimetres on the drawing represents, in centimetres, a real length of**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **A real length of 500 centimetres is drawn at a scale of 1 to 20. Its length on the drawing, in centimetres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A rectangular box has length 6 centimetres, width 2 centimetres and height 2 centimetres. Its total surface area, in cm², is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 A drawing uses a scale of 1 to 50. A line measuring 3 centimetres on the drawing represents, in centimetres, a real length of

ANSWER _____

Understand It with Pulse | Flag a mistake

24 A real length of 240 centimetres is drawn at a scale of 1 to 20. Its length on the drawing, in centimetres, is

ANSWER _____

Understand It with Pulse | Flag a mistake

25 A rectangular box has length 2 centimetres, width 2 centimetres and height 5 centimetres. Its total surface area, in cm^2, is

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	40	**10.**	C	**19.**	75.36
2.	30	**11.**	B	**20.**	100
3.	54	**12.**	3	**21.**	25
4.	D	**13.**	D	**22.**	56
5.	5	**14.**	D	**23.**	150
6.	B	**15.**	C	**24.**	12
7.	5	**16.**	C	**25.**	48
8.	6	**17.**	B		
9.	D	**18.**	C		

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