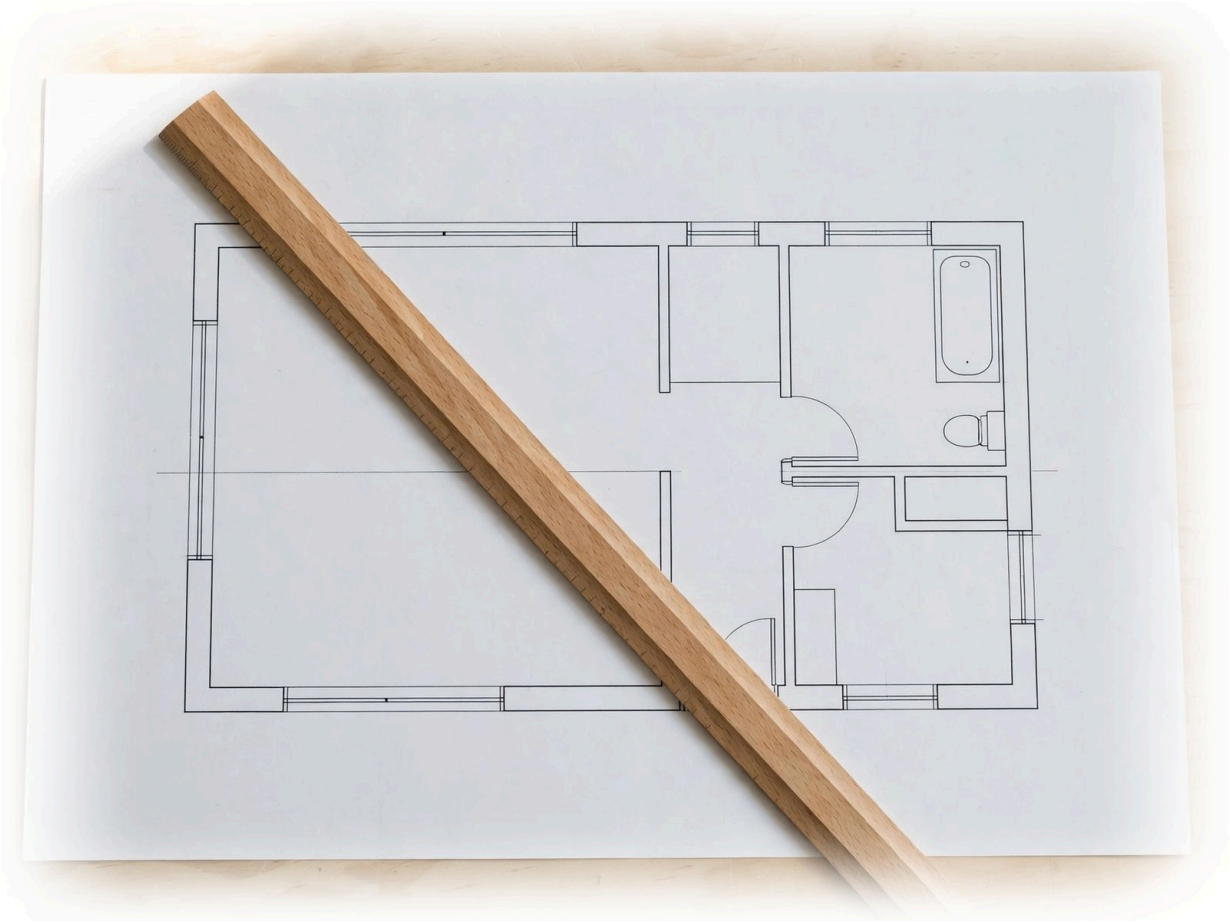
QUEBEC SCIENCE AND TECHNOLOGY, SECONDARY IV · UNIT D

Technological World - Graphical Language — Practice Test

Quebec 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 10. A line measuring 3 centimetres on the drawing represents, in centimetres, a real length of**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A real length of 200 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 4 centimetres, width 3 centimetres and height 2 centimetres. Its total surface area, in cm², is**



ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A cube has 12 edges. Two cubes joined face to face share no counted edge twice in this count. The total number of edges counted for both cubes is**

ANSWER

Understand It with Pulse | Flag a mistake

5 **A development of a cone is a sector plus a**



A square

B circle

C triangle

D rectangle

Understand It with Pulse | Flag a mistake

6 **A development of a cylinder is a rectangle plus two**

- A circles
- B squares
- C triangles
- D hexagons

Understand It with Pulse | Flag a mistake

7 **A development of a rectangular prism consists of six**

- A circles
- B triangles
- C sectors
- D rectangles

Understand It with Pulse | Flag a mistake

8 **A development of a square based pyramid consists of a square and four**

A circles

B rectangles

C triangles

D pentagons

Understand It with Pulse | Flag a mistake

9 **A dimension line is drawn 4 times on a sheet for 4 identical parts. The number of dimension lines is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A drawing shows 3 views of an object. Each view is drawn once. The total number of views is**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **A general drawing shows the whole object while a detail drawing shows one**

A colour in detail

B price in detail

C weight in detail

D part in detail

Understand It with Pulse | Flag a mistake

12 **A multiview orthogonal projection shows an object from several**

A perpendicular viewpoints

B random angles

C colours

D materials

Understand It with Pulse | Flag a mistake

13 **A scale of 1 to 20 means 1 unit on the drawing represents 20 units in**

- A the title block
- B the paper
- C the ink
- D reality

Understand It with Pulse | Flag a mistake

14 **A section view shows the inside of an object as if it were**

- A painted
- B cut open
- C heated
- D polished

Understand It with Pulse | Flag a mistake

15 **A symbol in a drawing stands for a feature without drawing it in**

A full colour

B full detail

C full size

D full weight

Understand It with Pulse | Flag a mistake

16 **A triangular prism has 5 faces. A square based pyramid has 5 faces. The total number of faces of the two solids is**



ANSWER

Understand It with Pulse | Flag a mistake

17 **An isometric representation shows three faces of an object in a single**

A colour

B material

C view

D scale

Understand It with Pulse | Flag a mistake

18 **Dimension lines in a drawing carry the numerical**

A material

B colour

C weight

D measurement

Understand It with Pulse | Flag a mistake

19 **Functional dimensioning gives the dimensions needed to**

A paint the part

B weigh the part

C sell the part

D make and assemble the part

Understand It with Pulse | Flag a mistake

20 **Use pi equals 3.14. A cylinder of radius 2 centimetres and height 5 centimetres has lateral area, in cm², of**



ANSWER

Understand It with Pulse | Flag a mistake

21 **A drawing uses a scale of 1 to 20. A line measuring 4 centimetres on the drawing represents, in centimetres, a real length of**

ANSWER

Understand It with Pulse | Flag a mistake

22 **A real length of 400 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

23 **A rectangular box has length 5 centimetres, width 2 centimetres and height 3 centimetres. Its total surface area, in cm², is**



ANSWER

Understand It with Pulse | Flag a mistake

24 **A drawing uses a scale of 1 to 10. A line measuring 5 centimetres on the drawing represents, in centimetres, a real length of**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **A real length of 150 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

ANSWER KEY

1.	30	**10.**	3	**19.**	D
2.	20	**11.**	D	**20.**	62.8
3.	52	**12.**	A	**21.**	80
4.	24	**13.**	D	**22.**	20
5.	B	**14.**	B	**23.**	62
6.	A	**15.**	B	**24.**	50
7.	D	**16.**	10	**25.**	15
8.	C	**17.**	C		
9.	4	**18.**	D		

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