Final Exam — Practice Test

Prince Edward Island Apprenticeship and Workplace Mathematics 10 • 50 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 **In workplace measuring, which term matches this description: space inside a shape?**

- A area
- B perimeter
- C m^2
- D measuring tape

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2 **In workplace triangles, what is the main purpose or meaning of diagonal?**

A upright side of a triangle

B flat side of a triangle

C longest side of a right triangle

D line across a rectangle corner to corner

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3 **In workplace geometry, what is the main purpose or meaning of circle?**

A round shape with a centre

B distance from centre to edge

C distance across a circle through centre

D matching halves of a shape

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4 **In shopping work, what is the main purpose or meaning of budget?**

A cost for one unit

B value of one currency in another

C full amount paid

D plan for spending money

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5 **In pay work, what is the main purpose or meaning of equation?**

A find the value of a variable

B statement that two expressions are equal

C money earned from work

D payment for work done

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6 **In workplace measuring, which term matches this description: distance from end to end?**

- A length
- B floor plan
- C area
- D perimeter

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7 **In workplace triangles, what is the main purpose or meaning of leg?**

- A relates sides of a right triangle
- B side forming the right angle
- C number multiplied by itself
- D shape with three sides

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8 **In workplace geometry, what is the main purpose or meaning of polygon?**

A amount of turn between lines

B lines that never meet

C lines meeting at right angles

D closed shape with straight sides

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9 **In shopping work, what is the main purpose or meaning of currency?**

A currency of Canada

B money used in a country

C judge which deal is better

D buying a larger amount at once

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10 **In pay work, what is the main purpose or meaning of income?**

- **A** payment for work done
- **B** money earned from work
- **C** pay for one hour of work
- **D** pay before deductions

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11 **In workplace measuring, what is the main purpose or meaning of unit?**

- **A** distance across a shape
- **B** a standard amount used in measuring
- **C** distance from end to end
- **D** drawing of a room layout

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12 **In workplace triangles, what is the main purpose or meaning of triangle?**

A real life right triangle use

B line across a rectangle corner to corner

C upright side of a triangle

D shape with three sides

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13 **In workplace geometry, what is the main purpose or meaning of triangle?**

A shape with four sides

B round shape with a centre

C distance from centre to edge

D shape with three sides

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14 **In shopping work, what is the main purpose or meaning of total cost?**

A number of items bought

B full amount paid

C money used in a country

D currency of Canada

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15 **In pay work, what is the main purpose or meaning of solve?**

A money earned from work

B payment for work done

C pay for one hour of work

D find the value of a variable

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16 **In workplace measuring, which term matches this description: a standard amount used in measuring?**

- A unit
- B width
- C length
- D floor plan

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17 **In workplace triangles, which term matches this description: line across a rectangle corner to corner?**

- A vertical side
- B horizontal side
- C diagonal
- D hypotenuse

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18 **In workplace geometry, which term matches this description: distance from centre to edge?**

- A radius
- B diameter
- C symmetry
- D polygon

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19 **In shopping work, which term matches this description: currency of Canada?**

- A compare prices
- B bulk buying
- C Canadian dollar
- D receipt

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20 **In pay work, which term matches this description: hours beyond regular hours?**

A variable

B expression

C overtime

D equation

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21 **In workplace measuring, which term matches this description: ratio on a plan to real size?**

A scale

B estimate

C unit

D width

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22 **In workplace triangles, which term matches this description: relates sides of a right triangle?**

- A square root
- B triangle
- C Pythagorean theorem
- D ladder problem

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23 **In workplace geometry, which term matches this description: round shape with a centre?**

- A radius
- B circle
- C diameter
- D symmetry

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24 **In shopping work, which term matches this description: number of items bought?**

- A currency
- B Canadian dollar
- C quantity
- D compare prices

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25 **In pay work, which term matches this description: pay before deductions?**

- A net pay
- B overtime
- C gross pay
- D variable

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26 **A rectangle has sides 8 metres and 5 metres. Its perimeter in metres is**

ANSWER _____

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27 **A right triangle has hypotenuse 10 metres and one side 8 metres. The missing side in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

28 **Two angles on a straight line measure 50 degrees and 80 degrees. Their sum in degrees is**

ANSWER _____

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29 **At 5 dollars per unit, the cost of 3 units in dollars is**

ANSWER _____

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30 **A worker earns 18 dollars per hour and works 6 hours. The pay in dollars is**

ANSWER _____

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31 **A rectangle has sides 9 metres and 4 metres. Its perimeter in metres is**

ANSWER _____

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32 **A right triangle has hypotenuse 15 metres and one side 12 metres. The missing side in metres is**

ANSWER _____

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33 **Two angles on a straight line measure 90 degrees and 45 degrees. Their sum in degrees is**

ANSWER _____

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34 **At 3 dollars per unit, the cost of 6 units in dollars is**

ANSWER _____

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35 **A worker earns 12 dollars per hour and works 10 hours. The pay in dollars is**

ANSWER _____

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36 **A floor is 10 metres long and 4 metres wide. Its area in m² is**

ANSWER _____

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37 **A ladder reaches 16 metres up a wall and its base is 12 metres from the wall. The ladder length in metres is**

ANSWER _____

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38 **Angles in a triangle measure 120 degrees and 30 degrees. The third angle in degrees is**

ANSWER _____

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39 **An item costs 30 dollars for 5 units. The unit price in dollars is**

ANSWER _____

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40 **A worker earns 126 dollars for 9 hours of work. The hourly rate in dollars is**

ANSWER _____

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41 **A floor is 12 metres long and 3 metres wide. Its area in m² is**

ANSWER _____

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42 **A ladder reaches 20 metres up a wall and its base is 15 metres from the wall. The ladder length in metres is**

ANSWER _____

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43 **Angles in a triangle measure 100 degrees and 40 degrees. The third angle in degrees is**

ANSWER _____

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44 **An item costs 21 dollars for 3 units. The unit price in dollars is**

ANSWER _____

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45 **A worker earns 102 dollars for 6 hours of work. The hourly rate in dollars is**

ANSWER _____

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46 **A floor is 3 metres long and 9 metres wide. Its area in m² is**

ANSWER _____

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47 **A ladder reaches 21 metres up a wall and its base is 20 metres from the wall. The ladder length in metres is**

ANSWER _____

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48 **Angles in a triangle measure 35 degrees and 95 degrees. The third angle in degrees is**

ANSWER _____

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49 **An item costs 14 dollars for 2 units. The unit price in dollars is**

ANSWER _____

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50 **A worker earns 104 dollars for 8 hours of work. The hourly rate in dollars is**

ANSWER

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ANSWER KEY

1.	A	**18.**	A	**35.**	120
2.	D	**19.**	C	**36.**	40
3.	A	**20.**	C	**37.**	20
4.	D	**21.**	A	**38.**	30
5.	B	**22.**	C	**39.**	6
6.	A	**23.**	B	**40.**	14
7.	B	**24.**	C	**41.**	36
8.	D	**25.**	C	**42.**	25
9.	B	**26.**	26	**43.**	40
10.	B	**27.**	6	**44.**	7
11.	B	**28.**	130	**45.**	17
12.	D	**29.**	15	**46.**	27
13.	D	**30.**	108	**47.**	29
14.	B	**31.**	26	**48.**	50
15.	D	**32.**	9	**49.**	7
16.	A	**33.**	135	**50.**	13
17.	C	**34.**	18		

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