Final Exam — Practice Test

Prince Edward Island Apprenticeship and Workplace Mathematics 12 • 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 **A rectangle 6 metres long and 4 metres wide has area in m² equal to**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The mode of the numbers 2, 3, 3, 5, 7 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **For y = 4x - 5 , the value of y at x = 6 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A lease payment of 300 dollars per month for 36 months totals this many dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A triangle with base 10 and height 6 has area**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A room 4 metres by 3 metres has perimeter in metres equal to**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **The median is the**

A most common value

B total divided by count

C largest value

D middle value in ordered data

Understand It with Pulse | Flag a mistake

8 **A horizontal line has slope**

A 0

B 1

C undefined

D -1

Understand It with Pulse | Flag a mistake

9 **Insurance of 120 dollars per month for 12 months totals this many dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A dilation changes a figure by a**

A rotation angle

B scale factor

C translation vector

D mirror line

Understand It with Pulse | Flag a mistake

11 **A mass of 750 grams converted to kilograms as a decimal is**

ANSWER _____

Understand It with Pulse | Flag a mistake

12

A bar graph is best for comparing

A categories

B continuous change over time

C parts of a whole only

D two variables always

Understand It with Pulse | Flag a mistake

13

A positive slope means the line

A is horizontal

B is vertical

C rises from left to right

D falls from left to right

Understand It with Pulse | Flag a mistake

14 **A longer loan term usually gives**

A no interest

B lower monthly payments but more total interest

C higher monthly payments

D less total interest

Understand It with Pulse | Flag a mistake

15 **A scale factor greater than 1 gives an**

A enlargement

B reduction

C congruent figure

D reflection

Understand It with Pulse | Flag a mistake

16 **A volume of 2 litres converted to millilitres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **The mean of the numbers 10, 20, 30, 40, 50 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **A worker earns 18 dollars per hour plus a 20 dollar bonus. Pay for 5 hours in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **Regular maintenance helps a vehicle by**

A removing insurance

B preventing larger repairs

C increasing fuel use

D lowering resale value

Understand It with Pulse | Flag a mistake

20 **Congruent figures have the same**

A shape and size

B shape only

C size only

D orientation only

Understand It with Pulse | Flag a mistake

21 **A bag holds 3 red and 9 blue tokens. The probability of drawing a red token as a decimal is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **Five workers earn 20, 22, 24, 26, 28 dollars per hour. The mean hourly wage in dollars is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **A vertical line has slope that is**

A 0

B 1

C -1

D undefined

Understand It with Pulse | Flag a mistake

24 **A vehicle driven 12000 kilometres per year at 7 litres per 100 kilometres uses this many litres per year**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **A triangle with base 8 and height 5 has area**

ANSWER _____

Understand It with Pulse | Flag a mistake

26 **A length of 3 metres converted to centimetres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

27 **The range of the numbers 4, 9, 15, 21 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

28 **A line through 0 comma 5 and 2 comma 13 has slope**

ANSWER _____

Understand It with Pulse | Flag a mistake

29 **Fuel at 1 dollar 80 cents per litre, written as 1.8 dollars, for 30 litres costs this many dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

30 **A circle with radius 2 has diameter**

ANSWER _____

Understand It with Pulse | Flag a mistake

31 **A rectangle 7 metres long and 2 metres wide has area in m² equal to**

ANSWER _____

Understand It with Pulse | Flag a mistake

32 **The median of the numbers 4, 8, 12 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

33 **For the linear relation y = 5x + 0 , the value of y at x = 2 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

34 **A lease payment of 400 dollars per month for 12 months totals this many dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

35 **A triangle with base 20 and height 3 has area**

ANSWER _____

Understand It with Pulse | Flag a mistake

36 **A length of 1 metres converted to centimetres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

37 **The mean is sensitive to**

A the mode

B the sample size only

C categories

D outliers

Understand It with Pulse | Flag a mistake

38 **For the linear relation y = 2x + 5 , the value of y at x = 6 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

39 **Total cost of ownership includes purchase, fuel, insurance and**

A driver training only

B maintenance

C advertising

D road signs

Understand It with Pulse | Flag a mistake

40 **A triangle with base 14 and height 3 has area**

ANSWER _____

Understand It with Pulse | Flag a mistake

41 **Imperial length is commonly measured in**

A litres and millilitres

B seconds and minutes

C inches and feet

D grams and kilograms

Understand It with Pulse | Flag a mistake

42 **The median of the numbers 2, 9, 15 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

43 **The x intercept of y = 2x - 8 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

44 **A car priced at 20000 dollars with a 5000 dollar down payment leaves this many dollars financed**

ANSWER _____

Understand It with Pulse | Flag a mistake

45 **The hypotenuse is the side**

A along the base always

B opposite the right angle

C adjacent to the right angle

D shortest in the triangle

Understand It with Pulse | Flag a mistake

46 **Volume is measured in**

A linear units

B percent

C cubic units

D square units

Understand It with Pulse | Flag a mistake

47 **The mean of 8, 12, 20 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

48 **The slope of a line rising 15 over a run of 3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

49

Insurance of 110 dollars per month for 12 months totals this many dollars

ANSWER

Understand It with Pulse | Flag a mistake

50

A triangle with base 10 and height 10 has area

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	24	**18.**	110	**35.**	30
2.	3	**19.**	B	**36.**	100
3.	19	**20.**	A	**37.**	D
4.	10800	**21.**	0.25	**38.**	17
5.	30	**22.**	24	**39.**	B
6.	14	**23.**	D	**40.**	21
7.	D	**24.**	840	**41.**	C
8.	A	**25.**	20	**42.**	9
9.	1440	**26.**	300	**43.**	4
10.	B	**27.**	17	**44.**	15000
11.	0.75	**28.**	4	**45.**	B
12.	A	**29.**	54	**46.**	C
13.	C	**30.**	4	**47.**	13.3333
14.	B	**31.**	14	**48.**	5
15.	A	**32.**	8	**49.**	1320
16.	2000	**33.**	10	**50.**	50
17.	30	**34.**	4800		

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