ESS40 · MANITOBA

ESS40
Practice Test

Unit B: Vehicle Finance

25 Questions

Original practice test based on the Manitoba curriculum. Work through each question, then check your answers at the end.

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.

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Question 1

A car has a down payment of 300 dollars and 8 monthly payments of 40 dollars. Its total cost, in dollars, is

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Question 2

A price rises by 40 percent from 200 dollars. The increase, in dollars, is

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Question 3

Monthly income is 2300 dollars and monthly expenses are 1300 dollars. The amount left, in dollars, is

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Question 4

Simple interest on 1400 dollars at 2 percent per year for 5 years is, in dollars

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Question 5

A wristwatch costs 320 dollars and is discounted by 15 percent. Its sale price, in dollars, is

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Question 6

A purchase of 30 dollars has tax of 5 percent. The tax, in dollars, is

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Question 7

An item has a down payment of 200 dollars and 9 monthly payments of 160 dollars. Its total cost, in dollars, is

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Question 8

A price rises by 20 percent from 160 dollars. The increase, in dollars, is

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Question 9

Monthly income is 1700 dollars and monthly expenses are 1300 dollars. The amount left, in dollars, is

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Question 10

A bank account earns simple interest on 800 dollars at 8 percent per year for 3 years. The interest, in dollars, is

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Question 11

An item costs 140 dollars and is discounted by 45 percent. Its sale price, in dollars, is

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Question 12

A purchase of 190 dollars has tax of 5 percent. The tax, in dollars, is

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Question 13

An item has a down payment of 100 dollars and 10 monthly payments of 80 dollars. Its total cost, in dollars, is

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Question 14

A price rises by 50 percent from 120 dollars. The increase, in dollars, is

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Question 15

Monthly income for a family is 1100 dollars and monthly expenses are 1300 dollars. The amount left, in dollars, is

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Question 16

A straight line graph has a slope that is

A) increasing

B) constant

C) zero always

D) undefined always

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Question 17

The slope of a horizontal line is

A) one

B) undefined

C) zero

D) negative

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Question 18

The slope of a vertical line is

A) zero

B) one

C) negative

D) undefined

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Question 19

Two lines that never meet are

A) parallel

B) perpendicular

C) intersecting

D) coincident

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Question 20

Two lines that meet at a right angle are

A) parallel

B) perpendicular

C) coincident

D) skew

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Question 21

The point where a graph crosses the y axis is the

A) x intercept

B) vertex

C) y intercept

D) origin

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Question 22

The point where a graph crosses the x axis is the

A) y intercept

B) vertex

C) origin

D) x intercept

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Question 23

The highest or lowest point of a parabola is the

A) vertex

B) intercept

C) axis

D) root

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Question 24

The line that divides a parabola into two equal halves is the

A) directrix

B) axis of symmetry

C) asymptote

D) tangent

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Question 25

A triangle with all sides equal is

A) isosceles

B) scalene

C) equilateral

D) right

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ANSWER KEY

1. 620
2. 80
3. 1000
4. 140
5. 272
6. 1
7. 1640
8. 32
9. 400
10. 192
11. 77
12. 9
13. 900
14. 60
15. -200
16. B
17. C
18. D
19. A
20. B
21. C
22. D
23. A
24. B
25. C

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