BRITISH COLUMBIA WORKPLACE MATHEMATICS 10 (MWPM-10) · UNIT D · 25 QUESTIONS

Financial Literacy and Formulas — Practice Test

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 **Four cans of soup cost 3.20 dollars. The cost of one can of soup, in dollars, is**



A 0.90

B 0.75

C 0.80

D 1.20

Understand It with Pulse | Flag a mistake

2 **A pack of 12 pens costs 6.00 dollars. The cost of one pen, in dollars, is**

- A 0.60
- B 0.50
- C 0.40
- D 2.00

Understand It with Pulse | Flag a mistake

3 **A 500 gram pack costs 2.50 dollars and a 1 kilogram pack of the same food costs 4.00 dollars. The better buy is**

- A The 500 gram pack
- B The 1 kilogram pack
- C They cost the same per kilogram
- D Neither pack

Understand It with Pulse | Flag a mistake

4 **The exchange rate is 1 US dollar = 1.35 Canadian dollars. The value of 40 US dollars, in Canadian dollars, is**



A 67.50

B 40

C 29.63

D 54

Understand It with Pulse | Flag a mistake

5 **The exchange rate is 1 US dollar = 1.35 Canadian dollars. The value of 135 Canadian dollars, in US dollars, is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The exchange rate is 1 euro = 1.50 Canadian dollars. The value of 50 euros, in Canadian dollars, is**

A 33.33

B 50

C 75

D 100

Understand It with Pulse | Flag a mistake

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

A 480

B 540

C 600

D 450

Understand It with Pulse | Flag a mistake

8 **A worker earns 25 dollars per hour, works 40 hours per week, and works 52 weeks per year. The annual salary, in dollars, is**

A 40000

B 48000

C 50000

D 52000

Understand It with Pulse | Flag a mistake

9 **The regular wage is 20 dollars per hour. Overtime is paid at 1.5 times the regular wage. The overtime wage, in dollars per hour, is**

A 25

B 30

C 35

D 40

Understand It with Pulse | Flag a mistake

10 **A worker earns 16 dollars per hour for 40 hours and 24 dollars per hour for 5 overtime hours. The total gross pay, in dollars, is**

A 640

B 760

C 720

D 800

Understand It with Pulse | Flag a mistake

11 **The area formula is A = lw. If A = 48 and l = 8 , the value of w is**

- A 40
- B 8
- C 6
- D 384

Understand It with Pulse | Flag a mistake

12 **The volume formula is V = lwh. If V = 120, l = 5, and w = 4 , the value of h is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **Simple interest is I = Prt. For principal 1000 dollars, rate 0.05 , and time 2 years, I is**

A 105

B 50

C 200

D 100

Understand It with Pulse | Flag a mistake

14 **The distance formula is d = vt. A car travels at 60 kilometres per hour for 2.5 hours. The distance it travels, in kilometres, is**



A 180

B 120

C 150

D 24

Understand It with Pulse | Flag a mistake

15 **Three shirts cost 45 dollars. At the same unit price, seven shirts cost, in dollars**

A 75

B 90

C 135

D 105

Understand It with Pulse | Flag a mistake

16 **A recipe uses 2 cups of flour for 12 muffins. For 30 muffins, the flour needed, in cups, is**



A 4

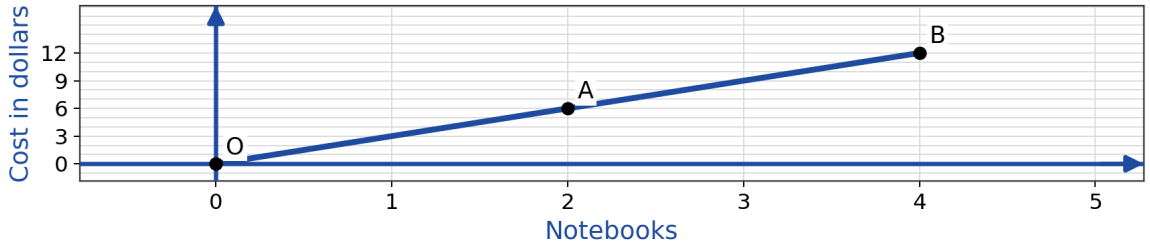
B 5

C 6

D 3

Understand It with Pulse | Flag a mistake

17 **The graph shows the cost of notebooks. Each notebook costs the same amount. The cost of 4 notebooks, in dollars, is**



A 9

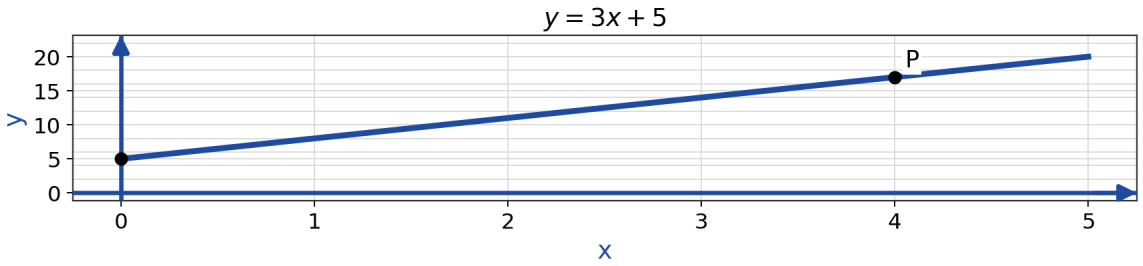
B 6

C 12

D 15

Understand It with Pulse | Flag a mistake

18 **The graph shows the cost C of hiring a tutor, where C = 3x + 5 and x is hours. The cost for 4 hours, in dollars, is**



A 15

B 12

C 20

D 17

Understand It with Pulse

Flag a mistake

19 **A part time worker earns 17.50 dollars per hour and works 18 hours per week. The weekly gross pay, in dollars, is**

A 315

B 300

C 350

D 280

Understand It with Pulse | Flag a mistake

20 **An annual salary of 48000 dollars, paid monthly, is how many dollars per month?**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **The exchange rate is 1 Canadian dollar = 0.75 US dollars. The value of 200 Canadian dollars, in US dollars, is**

A 150

B 266.67

C 200

D 125

Understand It with Pulse | Flag a mistake

22 **The perimeter formula is P = 2(l + w). If P = 30 and w = 7 , the value of l is**

A 16

B 8

C 23

D 15

Understand It with Pulse | Flag a mistake

23 On a map, 1 centimetre represents 5 kilometres. A distance of 8 centimetres on the map represents, in kilometres



A 13

B 40

C 45

D 32

Understand It with Pulse | Flag a mistake

24 **A jacket costs 80 dollars before tax. Tax is 12 per cent. The total cost, in dollars, is**



A 89.60

B 86.40

C 92.00

D 80.96

Understand It with Pulse | Flag a mistake

25

A worker earns 22 dollars per hour and works 35 hours. The gross pay, in dollars, is

A 770

B 700

C 840

D 660

Understand It with Pulse

Flag a mistake

ANSWER KEY

1. C
2. B
3. B
4. D
5. 100
6. C
7. B
8. D
9. B
10. B
11. C
12. 6
13. D
14. C
15. D
16. B
17. C
18. D
19. A
20. 4000
21. A
22. B
23. B
24. A
25. A

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