YUKON FOUNDATIONS OF MATHEMATICS 12 (MFOM-12) · UNIT D · 25 QUESTIONS

Financial Planning — 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 **Simple interest on 1000 dollars at 5 percent per year for 3 years, in dollars, is ____.**

ANSWER _____

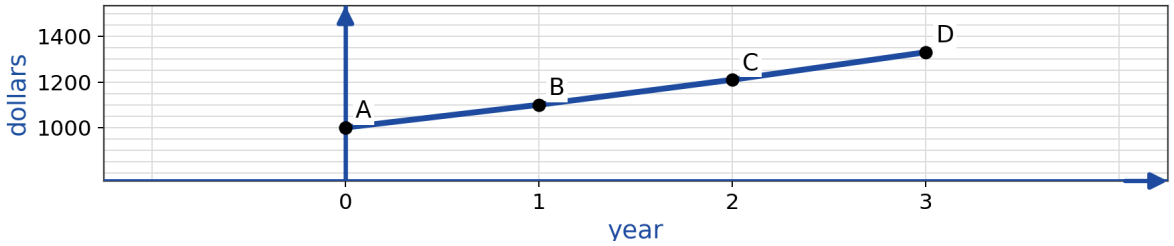
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2 **An amount of 1000 dollars grows by 5 percent per year, compounded. After 2 years, the amount, in dollars, is ____.**

ANSWER _____

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3 **The graph shows an investment growing by 10 percent per year. The value, in dollars, at year 3 is**



- **A** 1210
- **B** 1300
- **C** 1331
- **D** 1400

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4 **Monthly income is 3000 dollars and monthly expenses are 2750 dollars. The monthly savings, in dollars, are ____.**

ANSWER _____

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5 **A loan of 6000 dollars is repaid in 12 monthly payments of 550 dollars. The total interest paid, in dollars, is ____.**

ANSWER _____

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6 **A mortgage payment is 1200 dollars per month for 25 years. The total paid, in dollars, is ____.**

ANSWER _____

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7 **A worker saves 200 dollars per month for 12 months. The total saved, in dollars, is ____.**

ANSWER _____

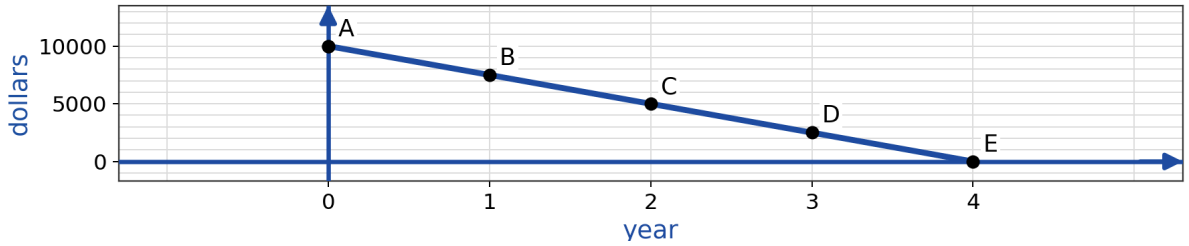
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8 **An amount of 2000 dollars grows by 10 percent per year, compounded. After 2 years, the amount, in dollars, is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The graph shows a loan balance falling by equal amounts each year. The balance, in dollars, after 2 years is**



- **A** 5000
- **B** 2500
- **C** 7500
- **D** 10000

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10 **Food costs 600 dollars out of a monthly income of 3000 dollars. The food share, in percent, is ____.**

ANSWER _____

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11 **Using the rule of 72, an investment at 6 percent per year doubles in about**

A 6 years

B 18 years

C 72 years

D 12 years

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12 **Simple interest on 5000 dollars at 8 percent per year for 2 years, in dollars, is ____.**

ANSWER _____

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13 **A house costs 400000 dollars. A 20 percent down payment, in dollars, is ____.**

ANSWER _____

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14 **Diversifying an investment portfolio mainly means**

A spreading money across many investments

B putting all money in one stock

C borrowing to buy more shares

D keeping all money as cash

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15 **Compound interest differs from simple interest because it earns interest on**

A the principal only

B fees only

C the principal and past interest

D future deposits only

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16 **Monthly income is 4000 dollars. Expenses are rent 1200, food 500, transport 300 and other costs 800 dollars. Monthly savings, in dollars, are ____.**

ANSWER _____

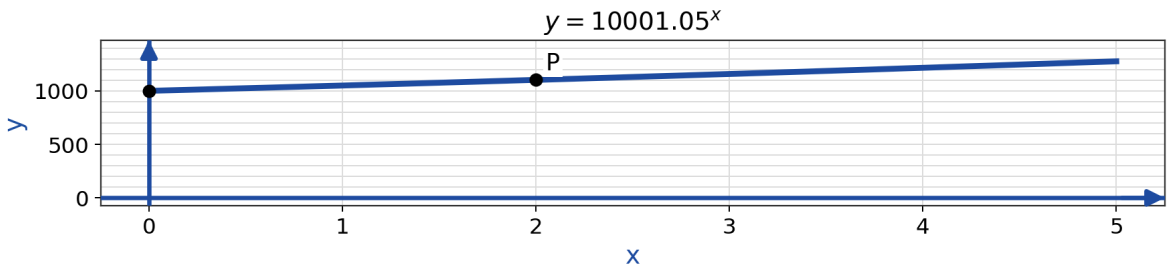
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17 **An amount of 500 dollars grows by 4 percent per year, compounded. After 2 years, the amount, in dollars, is ____.**

ANSWER _____

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18 **The graph shows 1000 dollars growing by 5 percent per year, compounded. The value, in dollars, at year 2 is**



A 1050

B 1102.5

C 1150

D 1200

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19 **In the early years of a mortgage, most of each payment goes to**

A the principal

B property taxes only

C insurance only

D interest

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20 **A saver needs 5000 dollars and saves 250 dollars per month. The number of months needed is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **Simple interest on a 1000 dollar credit card balance at 24 percent for one year, in dollars, is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A buyer buys 10 shares at 50 dollars each and sells them at 65 dollars each. The profit, in dollars, is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **Monthly income is 2500 dollars and monthly expenses are 2700 dollars. The monthly shortfall, in dollars, is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **A worker saves 100 dollars and the employer matches it with 100 dollars. The total added to retirement savings, in dollars, is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **A loan of 8000 dollars has interest of 1200 dollars and fees of 200 dollars. The total repayment, in dollars, is ____.**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	150	**10.**	20	**19.**	D
2.	1102.5	**11.**	D	**20.**	20
3.	C	**12.**	800	**21.**	240
4.	250	**13.**	80000	**22.**	150
5.	600	**14.**	A	**23.**	200
6.	360000	**15.**	C	**24.**	200
7.	2400	**16.**	1200	**25.**	9400
8.	2420	**17.**	540.8		
9.	A	**18.**	B		

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