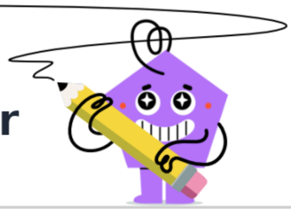
Matarus

Name ____________________



Compare simple interest earned over different periods

1

What is the simple interest in this situation?

$$\begin{aligned} \text{Principle} &= \$100 \\ \text{Rate} &= 25\% \\ \text{Time} &= 6\text{yrs} \\ \\ \text{Interest} &= \$? \end{aligned}$$

A 120	B 195	C 255
D 105	E 150	F 270

2

An investment of $600 earns $108 in simple interest at a rate of 3%. How much interest would be earned if the time were doubled, with the principal and rate unchanged?

A $54	B $108
C $205	D $216

3

An investment of $300 earns $48 in simple interest over 4 years. How much interest would be earned if the time were quadrupled, with the principal and rate unchanged?

A $192	B $12
C $48	D $154

4

An investment of $2,300 earns $230 in simple interest over 5 years. How much interest would be earned if the time were 15 years, with the principal and rate unchanged?

A $690	B $230
C $862	D $726

5

An investment of $2,900 earns $1,044 in simple interest over 6 years at a rate of 6%. How much interest would be earned if the time were reduced to a third, with the principal and rate unchanged?

A $404	B $1,044
C $3,132	D $348

6

An investment of $2,200 earns $154 in simple interest over 1 year at a rate of 7%. How much interest would be earned if the time were 2 years, with the principal and rate unchanged?

A $242	B $308
C $154	D $77

7

An investment of $400 earns $168 in simple interest over 6 years at a rate of 7%. How much interest would be earned if the time were reduced to a third, with the principal and rate unchanged?

A $504	B $56
C $168	D $63

8

An investment of $200 earns $16 in simple interest over 2 years at a rate of 4%. How much interest would be earned if the time were 1 year, with the principal and rate unchanged?

A $32	B $16
C $8	D $10

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9
An investment of $1,100 earns $352 in simple interest over 4 years at a rate of 8%. How much interest would be earned if the time were doubled, with the principal and rate unchanged?

A $704	B $562
C $176	D $352

10
An investment of $1,100 earns $352 in simple interest over 8 years at a rate of 4%. How much interest would be earned if the time were 24 years, with the principal and rate unchanged?

A $1,032	B $352
C $839	D $1,056

11
An investment of $1,000 earns $240 in simple interest over 8 years at a rate of 3%. How much interest would be earned if the time were quadrupled, with the principal and rate unchanged?

A $240	B $60
C $1,088	D $960

12
An investment of $1,200 earns $60 in simple interest over 1 year at a rate of 5%. How much interest would be earned if the time were 2 years, with the principal and rate unchanged?

A $60	B $30
C $126	D $120