Matarus

Name

Calculate simple interest

1

What is 'T' in the simple interest formula?

$$I = PRT$$
$$T = ?$$

A Total

B Time

2

$90 principle plus 30% interest

A $134.55

B $146.25

C $111.15

D $117.00

E $163.80

F $157.95

3

An investment of $500 earns $15 in simple interest over 1 year at a rate of 3%. How much interest would be earned if the principal were $1,000, with the rate and time unchanged?

A $32

B $30

C $15

D $27

4

An investment of $2,100 earns $252 in simple interest over 3 years at a rate of 4%. How much interest would be earned if the time were 9 years, with the principal and rate unchanged?

A $84

B $252

C $756

D $771

5

An investment of $100 earns $28 in simple interest over 4 years. How much interest would be earned if the principal were $400, with the rate and time unchanged?

A $128

B $7

C $28

D $112

6

An investment of $2,800 earns $140 in simple interest over 1 year. How much interest would be earned if the time were 4 years, with the principal and rate unchanged?

A $35

B $560

C $140

D $464

7

An investment of $300 earns $270 in simple interest over 10 years at a rate of 9%. How much interest would be earned if the time were doubled, with the principal and rate unchanged?

A $270

B $135

C $540

D $562

8

An investment earns $150 in simple interest over 3 years at a rate of 2%. How much interest would be earned if the principal were quadrupled, with the rate and time unchanged?

A $150

B $641

C $584

D $600

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9

An investment of $1,400 earns $490 in simple interest at a rate of 5%. How much interest would be earned if the time were tripled, with the principal and rate unchanged?

A $1,618	B $490
C $1,442	D $1,470

10

What is the simple interest in this situation?

$$\begin{aligned} \text{Principle} &= \$400 \\ \text{Rate} &= 10\% \\ \text{Time} &= 6\text{yrs} \\ \\ \text{Interest} &= \$? \end{aligned}$$

A 96	B 456	C 192
D 384	E 240	F 408

11

What is the simple interest in this situation?

$$\begin{aligned} \text{Principle} &= \$300 \\ \text{Rate} &= 10\% \\ \text{Time} &= 2\text{yrs} \\ \\ \text{Interest} &= \$? \end{aligned}$$

A 60	B 24	C 102
D 54	E 90	F 78

12

What is the simple interest in this situation?

$$\begin{aligned} \text{Principle} &= \$800 \\ \text{Rate} &= 10\% \\ \text{Time} &= 2\text{yrs} \\ \\ \text{Interest} &= \$? \end{aligned}$$

A 160	B 208	C 144
D 288	E 240	F 272