Name ______________________

Calculate simple interest

1

What is 'I' in the simple interest formula?

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

A	B
Interest	Index

2

20% interest on $60 principle

A	B
$36.00	$61.20
C $46.80	D $72.00
E $43.20	F $100.80

3

Add 5% interest to $80 principle

A	B
$58.80	$84.00
C $42.00	D $46.20
E $75.60	F $79.80

4

An investment of $900 earns $252 in simple interest over 4 years at a rate of 7%. How much interest would be earned if the principal were quadrupled, with the rate and time unchanged?

A	B
$1,008	$794
C $252	D $63

5

An investment of $1,800 earns $1,188 in simple interest over 6 years at a rate of 11%. How much interest would be earned if the principal were $900, with the rate and time unchanged?

A	B
$594	$2,376
C $487	D $1,188

6

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	B
$28	$112
C $128	D $7

7

An investment of $700 earns $630 in simple interest over 9 years at a rate of 10%. How much interest would be earned if the time were tripled, with the principal and rate unchanged?

A	B
$630	$1,511
C $1,890	D $210

8

An investment of $1,300 earns $702 in simple interest at a rate of 6%. How much interest would be earned if the time were quadrupled, with the principal and rate unchanged?

A	B
$702	$2,808
C $3,481	D $3,218

Name ____________________

Calculate simple interest

9

An investment of $2,500 earns $600 in simple interest over 8 years. How much interest would be earned if the time were reduced to a quarter, with the principal and rate unchanged?

A $150

B $117

C $600

D $2,400

10

An investment of $800 earns $320 in simple interest over 4 years at a rate of 10%. How much interest would be earned if the time were 2 years, with the principal and rate unchanged?

A $320

B $640

C $160

D $131

11

An investment of $1,900 earns $1,026 in simple interest over 6 years. How much interest would be earned if the time were 24 years, with the principal and rate unchanged?

A $4,710

B $3,560

C $4,104

D $1,026

12

What is the simple interest in this situation?

$$\begin{aligned} \text{Principle} &= \$600 \\ \text{Rate} &= 25\% \\ \text{Time} &= 3\text{yrs} \\ \\ \text{Interest} &= \$? \end{aligned}$$

A 540

B 450

C 405

D 585

E 90

F 855