#1

Choose the best answer

Joshua has $5 in a savings account. The interest rate is 10% per year and is not compounded. How much will he have in 1 year? Use formula $i = p * r * t$, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

    ○ $6.70   ○ $5.50

    ○ $4.70   ○ $5.20   Show your work

#2

Choose the best answer

Noah has $13 in a savings account. The interest rate is 10% per year and is not compounded. How much interest will he earn in 1 year? Use formula $i = p * r * t$, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

    ○ $0.90   ○ $1.50

    ○ $1.40   ○ $1.30   Show your work

#3

Isabelle has $3 in a savings account. The interest rate is 15% per year and is not compounded. How much interest will she earn in 5 years? Use formula $i = p * r * t$, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

$ [____]

Show your work

#4

Jack has $7 in a savings account. The interest rate is 20% per year and is not compounded. How much will he have in 1 year? Use formula i=p∗r∗t, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

$ [   ]

Show your work

#5

Choose the best answer

Sarah has $4 in a savings account. The interest rate is 10% per year and is not compounded. How much will she have in 5 years? Use formula i=p∗r∗t, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

○ $8.00   ○ $4.00

○ $5.00   ○ $6.00

Show your work

#6

Choose the best answer

Caden has $20 in a savings account. The interest rate is 10% per year and is not compounded. How much will he have in 4 years? Use formula i=p∗r∗t, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

○ $24.00   ○ $30.00

○ $25.00   ○ $28.00

Show your work

#7

Jack has $17 in a savings account. The interest rate is 20% per year and is not compounded. How much interest will he earn in 5 years? Use formula i=p∗r∗t, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

$ [_____]

Show your work

#8

Olivia has $8 in a savings account. The interest rate is 20% per year and is not compounded. How much interest will she earn in 4 years? Use formula i=p∗r∗t, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

$ [_____]

Show your work

#9

Choose the best answer

Matthew has $19 in a savings account. The interest rate is 20% per year and is not compounded. How much will he have in 4 years? Use formula i=p∗r∗t, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

○ $34.20   ○ $28.40

○ $28.60   ○ $42.70

Show your work

#10

Sarah has $13 in a savings account. The interest rate is 20% per year and is not compounded. How much will she have in 1 year? Use formula i=p∗r∗t, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

$ [   ]

Show your work

#11

Choose the best answer

Ashley has $24 in a savings account. The interest rate is 20% per year and is not compounded. How much will she have in 5 years? Use formula i=p∗r∗t, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

○ $56.00   ○ $61.00

○ $53.00   ○ $48.00

Show your work

#12

Choose the best answer

Elizabeth has $3 in a savings account. The interest rate is 10% per year and is not compounded. How much will she have in 4 years? Use formula i=p∗r∗t, where i is the interest earned, p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

○ $3.20   ○ $4.20

○ $3.90   ○ $4.10

Show your work

Question	Answer
#1	choice 2
#2	choice 4
#3	2.25
#4	8.40
#5	choice 4
#6	choice 4
#7	17.00
#8	6.40
#9	choice 1
#10	15.60
#11	choice 4
#12	choice 2