#1

Addison has $22 in a savings account. The interest rate is 15% 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.

$ ____

Show your work

#2

Choose the best answer

Anthony has $13 in a savings account. The interest rate is 5% per year and is not compounded. How much will he have in 3 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.

- ○ $14.95
- ○ $12.15
- ○ $18.47
- ○ $12.87

Show your work

#3

Tyler has $15 in a savings account. The interest rate is 15% 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.

$ ____

Show your work

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#4

Diana has $23 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

#5

Darren has $25 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.

$ ____

Show your work

#6

Kayla has $10 in a savings account. The interest rate is 5% per year and is not compounded. How much will she have in 2 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

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#7

Choose the best answer

Hannah has $23 in a savings account. The interest rate is 5% per year and is not compounded. How much interest will she 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.

- ○ $1.15
- ○ $1.48
- ○ $1.03
- ○ $1.43

Show your work

#8

Benjamin has $12 in a savings account. The interest rate is 5% per year and is not compounded. How much interest will he 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

Owen has $1 in a savings account. The interest rate is 5% per year and is not compounded. How much will he 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.

$ ☐

Show your work

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#10

Choose the best answer

Connor has $24 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.

- ○ $31.60
- ○ $26.30
- ○ $27.30
- ○ $26.40

Show your work

#11

Choose the best answer

Natalie has $24 in a savings account. The interest rate is 5% per year and is not compounded. How much interest will she 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.

- ○ $1.40
- ○ $1.00
- ○ $1.30
- ○ $1.20

Show your work

#12

Jackson has $6 in a savings account. The interest rate is 5% 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.

$ ____

Show your work

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Question	Answer
#1	38.50
#2	choice 1
#3	24.00
#4	18.40
#5	35.00
#6	11.00
#7	choice 1
#8	2.40
#9	1.25
#10	choice 4
#11	choice 4
#12	7.20

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