#1

Gabriel deposited $5 in a savings account earning 25% interest, compounded annually. To the nearest cent, how much will he have in 2 years? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), 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

Makayla has $15 in a saving account. The interest is 15%, compounded annually. To the nearest cent, how much interest will she earn in 1 year? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), 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

#3

Owen has $20 in a saving account. The interest is 10%, compounded annually. To the nearest cent, how much interest will he earn in 1 year? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), 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

Choose the best answer

Diana has $25 in a saving account. The interest is 25%, compounded annually. To the nearest cent, how much interest will she earn in 2 years? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

- ○ $27.56
- ○ $8.06
- ○ $20.56
- ○ $14.06

Show your work

#5

Hannah has $15 in a saving account. The interest is 20%, compounded annually. To the nearest cent, how much interest will she earn in 2 years? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), 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

Diana deposited $10 in a savings account earning 15% interest, compounded annually. To the nearest cent, how much will she have in 1 year? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), 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

#7

Choose the best answer

Michael deposited $20 in a savings account earning 30% interest, compounded annually. To the nearest cent, how much will he have in 2 years? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

- ○ $39.20
- ○ $28.80
- ○ $33.80
- ○ $45.00

Show your work

#8

Choose the best answer

Gavin deposited $25 in a savings account earning 30% interest, compounded annually. To the nearest cent, how much will he have in 2 years? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

- ○ $56.25
- ○ $36.00
- ○ $49.00
- ○ $42.25

Show your work

#9

Emily has $10 in a saving account. The interest is 10%, compounded annually. To the nearest cent, how much interest will she earn in 2 years? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), 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

#10

Choose the best answer

Lauren has $10 in a saving account. The interest is 25%, compounded annually. To the nearest cent, how much interest will she earn in 2 years? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

- ○ $5.63
- ○ $8.23
- ○ $3.22
- ○ $11.02

Show your work

#11

Joseph has $5 in a saving account. The interest is 20%, compounded annually. To the nearest cent, how much interest will he earn in 2 years? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), 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

#12

Choose the best answer

Diana deposited $15 in a savings account earning 30% interest, compounded annually. To the nearest cent, how much will she have in 2 years? Use the formula $B=p*(1+r)^t$, where B is the balance (final amount), p is the principal (starting amount), r is the interest rate expressed as a decimal, and t is the time in years.

- ○ $21.60
- ○ $29.40
- ○ $33.75
- ○ $25.35

Show your work

Question	Answer
#1	7.81
#2	2.25
#3	2.00
#4	choice 4
#5	6.60
#6	11.50
#7	choice 3
#8	choice 4
#9	2.10
#10	choice 1
#11	2.20
#12	choice 4