#1

Evan has $5 in a saving account that earns 10% 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

Choose the best answer

Daniel has $20 in a saving account that earns 10% 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.

- ○ $24.20
- ○ $33.80
- ○ $20.00
- ○ $28.80

Show your work

#3

Choose the best answer

Alexander deposited $10 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.

- ○ $21.03
- ○ $15.63
- ○ $18.23
- ○ $13.22

Show your work

#4

Choose the best answer

Evan has $10 in a saving account. The interest is 30%, 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.

- ○ $6.90
- ○ $12.50
- ○ $4.40
- ○ $9.60

Show your work

#5

Choose the best answer

Daniel has $5 in a saving account. The interest is 20%, 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.

- ○ $1.50
- ○ $0.50
- ○ $2.00
- ○ $1.00

Show your work

#6

Choose the best answer

Austin has $5 in a saving account. The interest is 30%, 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.

- ○ $4.80
- ○ $6.25
- ○ $2.20
- ○ $3.45

Show your work

#7

Choose the best answer

Benjamin has $15 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.

- ○ $0.00
- ○ $1.50
- ○ $3.00
- ○ $4.50

Show your work

#8

Anna has $15 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

#9

Choose the best answer

Michael has $25 in a saving account. The interest is 30%, 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.

- ○ $12.50
- ○ $7.50
- ○ $5.00
- ○ $10.00

Show your work

#10

Owen has $20 in a saving account that earns 30% interest, compounded annually. To the nearest cent, how much will he 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

#11

Choose the best answer

Lauren has $20 in a saving account. The interest is 25%, 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.

- ○ $5.00
- ○ $7.00
- ○ $9.00
- ○ $3.00

Show your work

#12

Connor deposited $15 in a savings account earning 20% 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

Question	Answer
#1	6.05
#2	choice 1
#3	choice 2
#4	choice 1
#5	choice 4
#6	choice 4
#7	choice 2
#8	3.15
#9	choice 2
#10	26.00
#11	choice 1
#12	21.60