

#1

Ella has \$25 in a saving account that earns 25% 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.

\$

Show your work

#2

Emma has \$5 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

#3

Elizabeth has \$10 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

#4

Choose the best answer

Isabella has \$5 in a saving account. The interest is 10%, 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.

- \$0.50
- \$0.00
- \$1.50
- \$1.00

Show your work

#5

Samantha has \$5 in a saving account that earns 25% 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.

\$

Show your work

#6

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

#7

Ryan deposited \$20 in a savings account earning 15% 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

#8

Choose the best answer

Lauren 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.

- \$0.00
- \$10.35
- \$3.15
- \$6.60

Show your work

#9

Choose the best answer

Jack deposited \$25 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.

- \$42.25
- \$30.25
- \$49.00
- \$36.00

Show your work

#10

Landon deposited \$10 in a savings account earning 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

Nick has \$25 in a saving account. The interest is 25%, 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.

- \$8.75
- \$3.75
- \$6.25
- \$11.25

Show your work

#12

Nathan 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.

\$

Show your work

Question	Answer
#1	39.06
#2	2.20
#3	4.40
#4	choice 1
#5	7.81
#6	5.00
#7	23.00
#8	choice 3
#9	choice 4
#10	13.00
#11	choice 3
#12	33.80