COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$806.39

A If $2,500 is deposited into a new account that earns 2% interest compounded quarterly and there are no other deposits or withdrawals, how much interest is earned after 15 years?

COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$1,949.88

B Arik invested $500 in a savings account that earns 6.25% interest compounded monthly. Assuming there are no other deposits or withdrawals, what is the total amount in his account after 4 years?

COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$1,293.35

C Mia deposited $1,200 in a new account in January 2007 that earns $3\frac{7}{8}$% interest compounded annually. Assuming there are no other deposits or withdrawals, find the total balance in the account in January 2019.

COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$162.37

D Felicia won $250 playing bingo. She invested this money in a new account that earns 5.4% interest compounded weekly. If there are no other deposits or withdrawals, how much interest will the account earn in 30 years?

COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$1,977.01

E Seth sold his car for $9,000. He placed the money in a new account that earns 8% interest compounded semiannually. Assuming there are no other deposits or withdrawals, how much interest will he have earned after 30 months?

COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$771.38

F Jack, a realtor, earns 3% commission on the sale price of each home he sells. He recently sold a home with a sales price of $160,000. He invested his earnings in a new account that earns 1.5% interest compounded annually. Assuming there are no other deposits or withdrawals, how much interest will he earn after 20 years?

COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$1,012.21

G In March 2003, Natalie invested $800 in an account that earns 4.8% interest compounded monthly. After 5 years, she withdrew all the money and reinvested it in a new account that earns 6% interest compounded semiannually. Assuming there were no other deposits or withdrawals, how much total interest will she have earned by March 2025?

COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$641.60

H Elijah received $1,500 in gift money when he graduated from college. He placed this money in a new savings account that earns 2.35% interest compounded quarterly. Assuming there are no other deposits or withdrawals, find the total money in his account after 8 years.

COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$872.13

I

On the day he was born, Benson's grandma deposited $200 into a new account that earns 7.5% interest compounded daily. Assuming there are no other deposits or withdrawals, find the total balance in the account on Benson's 18th birthday.

COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$1,809.25

J

On her 21st birthday, Sydney deposited $400 in a new bank account that earns 3.7% interest compounded continuously. If there are no other deposits or withdrawals, how much interest will she have earned by her 60th birthday?

COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$1,893.71

K

Nyah deposited $750 in a new bank account that earns 5.8% interest compounded continuously. If there are no other deposits or withdrawals, find the total amount in her account after 15 months.

COMPOUND INTEREST
Scavenger Hunt

PREVIOUS ANSWER:
$1,664.90

L

Lenny earned $1,200 over the summer working at the waterpark. He deposited half of the money in an account that earns 2% interest compounded monthly. He deposited the other half of the money in an account that earns 4% interest compounded continuously. Assuming there are no other deposits or withdrawals, find the difference in the interest earned on his two investments after 10 years.