Name: **Grade:** **Score:**

Worksheet #2

FINDING COMPOUND INTEREST AND AMOUNT

Learning goal: Students will be able to understand and to find compound interest in real-life problems.

Instructions: Calculate the amount & compound interest using the formula.

Question 1

P = ₹4,000
r = 6%
n = 1 (compounded yearly)
t = 4 years

Formula:

_____

Substitute:

_____

Step 1:

_____

_____

Step 2:

_____

CI = A - P

_____

_____

Question 2:

P = ₹3,500
r = 5%
n = 1 (compounded yearly)
t = 3 years

Formula:

_____

Substitute:

_____

Step 1:

_____

_____

Step 2:

_____

CI = A - P

_____

_____

Q. No.	GIVEN	SUBSTITUTION	STEP 1	STEP 2	C.I.=A-P
1.	P = ₹2,400 r = 4% n = 2				
2.	P = ₹3,200 r = 6% n = 3				

3	P = ₹4,500 r = 5% n = 2				
4.	P = ₹5,800 r = 3% n = 3				
5.	P = ₹6,700 r = 7% n = 2				
6.	P = ₹7,400 r = 5% n = 2				
7	P = ₹8,900 r = 6% n = 2				
8	P = ₹9,500 r = 4% n = 3				
9	P = ₹10,200 r = 5% n = 2				
10	P = ₹11,800 r = 7% n = 2				