



Partner 1: _____ Partner 2: _____
Logic Gate Lab #1

Purpose: To learn how to hook up logic gates and to demonstrate a logic gate circuit working properly.
Materials: 1 - 7400 chip
1 - 7402 chip
1 - 7408 chip
1 - 7432 chip
Method: The logic gates will be hooked up on the trainer. After testing, students will demonstrate and the instructor to sign off.

1. 7432
Logic Equation $f =$ _____
Gate Name: _____
Instructor's Initials: _____
2. 7408
Logic Equation $f =$ _____
Gate Name: _____
Instructor's Initials: _____
3. 7402
Logic Equation $f =$ _____
Gate Name: _____
Instructor's Initials: _____
4. 7400
Logic Equation $f =$ _____
Gate Name: _____
Instructor's Initials: _____

TRUTH TABLE

INPUT	OUTPUT	
A	B	f

TRUTH TABLE

INPUT	OUTPUT	
A	B	f

TRUTH TABLE

INPUT	OUTPUT	
A	B	f

TRUTH TABLE

INPUT	OUTPUT	
A	B	f

(HAND IN LAB 1 WITH LAB 2)