SECONDARY MATH 2

**CORE STANDARDS**

II.3.A.CED.4

LESSON

**4-1**

OBJECTIVE **1. SWBAT isolate a given variable in an equation.**

NOTES Isolate means to get the variable by itself on one side of the equation. As you move numbers and variables to the other side of the equation, simplify and combine like terms, if possible.

EXAMPLES

**1.** Solve for *m*:  **2.** Solve for *b*1: 

**3.** Solve for *π*:  **4.** Solve for *d*: 

**5.** Solve for *a*:  **6.** Solve for *x*: 

**7.** Solve for *a*:  **8.** Solve for *B*: 

PRACTICE **4-1** NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

[SHOW YOUR WORK]

Solve for each indicated variable.

1. ; ***h*** 2. ; ***b***
2. ; ***x*** 4. ; ***c***
3. ; ***b*** 6. ; ***c***
4. ; ***P*** 8. ; ***a***
5. ; ***r*** 10. ; ***r***
6. ; ***μ*** 12. ; ***y***
7. ; ***T*** 14. ; ***c***
8. Solve the following equation for each variable, one at a time.

