



STUDENT _____ GROUP _____

INSTRUCTOR _____ DATE _____

Math Lab Lesson #2 Group Activity:
Expressions, Equations and Identities

Let $P = Ax + B$ and $Q = Cx + D$.

We also know that $P = Q$.

Use the clues in the problems below to find the value of x .

★ **Clue #1:** The equation $5m - 30 = 5(m - A)$ is always true.



★ Clue #2:

$$4A + 7 = 6B + 7$$

★ Clue #3:

$$3C + 7 = 5C - 15$$

★ Clue #4:

$$D + 1 + A = C(B - B) + A$$