

7.1 Developing Systems

* A linear system consists of 2 linear equations that contain the same two

ex. Felix purchases 3 adult tickets and 2 student tickets for a concert. He pays \$41. Joanne pays \$16 for one adult ticket and one student ticket. Write a system of equations to represent this situation.

let a =

let d =

If a = 9 and d = 7, verify the system

ex. For the system below, which is the correct solution?

$$c = 2d + 2$$

$$\text{Solution A: } c = 4 \text{ \& } d = 1$$

$$c + 2d = -6$$

or $\text{Solution B: } c = -2 \text{ \& } d = -2$