

## Section 3: Dedication Equals College Lesson Plan

## Materials:

Dedication Equals College activity on page 7 of the student workbook

## Goals:

This activity will motivate students to not give up so easily, request help from teachers and/or peers when needed, and have a clear understanding that they can achieve anything if they have the will and determination.

## Time:

25-35 minutes

## Instructions:

## Worksheet: Dedication Equals College

Have the students, as an entire class, fill in the (BLANK) with the word that they feel would make the statement true. You don't have to be (BLANK) (Answer: smart) to go to college! Working hard, doing your homework, listening to your teachers and putting effort in school will enable you to go to college. After the students fill in the (BLANK), have them solve the following algebraic problems. Have the students find the value for the symbols that are missing.

$$\text{Water Drop} = 4$$

$$\text{Hexagon} = 8$$

$$\text{Square} = 3$$

$$\text{Diamond} = 7$$

$$\text{Sun} = 12$$

$$\text{Circle} = 9$$

$$\text{Triangle} = 6$$

$$\text{Heart} = \frac{\quad}{13}$$

$$\text{Star} = \frac{\quad}{10}$$

$$\text{Cross} = \frac{\quad}{11/12}$$

$$1. (\triangle_6 + \bigcirc_9) \div \square_3 = (\text{Hexagon}_8 + \bigcirc_9 + \square_3) \div \text{Water Drop}_4 = 5-5$$

$$2. \frac{(\text{Sun}_{12} + \bigcirc_9 + \text{Hexagon}_8 + \text{Diamond}_7 + \square_3)}{\square_3} = \text{Heart}_{13}$$

$$3. \frac{(\text{Heart}_{13} + \text{Hexagon}_8 + \bigcirc_9)}{\square_3} = \text{Star}_{10}$$

$$4. \left( \frac{\text{Heart}_{13}}{\text{Sun}_{12}} + \frac{\text{Hexagon}_8}{\text{Sun}_{12}} \right) - \frac{\text{Star}_{10}}{\text{Sun}_{12}} = \text{Cross}_{11/12}$$