

PUZZLING EQUATIONS

(Addition & Subtraction Properties)

Objective:

- Students will solve Algebra problems using the addition and subtraction properties.

Directions to the Teacher:

- Teachers will need to copy the puzzle on one side of colored paper and the picture on the other side.
- Have the students put the puzzle together by matching the correct solution to the problem.
- After completing the puzzle, the students can turn the puzzle over row by row and see the picture.

Materials:

- Colored card stock for the puzzle
- Puzzle Mat (optional)

PUZZLING EQUATIONS

(Addition and Subtraction Properties)

$$X = -22$$



$$6 = X + 9$$

$$X + 3 = -4$$



$$3 = X$$

$$X = 7$$



$$9 + 1 = X$$

$$1 = X$$

$$10 = X + 5$$

$$5 = X$$

$$X = -2$$

$$4 - X = 9$$

$$-10 + X = 12$$

$$22 = X$$

$$X + 0 = 8$$



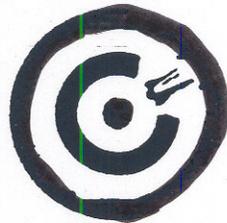
$$0 + 4 = X$$

$$X = 14$$



$$X = 6$$

$$X - 6 = 3$$



$$1 + 8 = X$$

$$9 = X + 2$$

$$X = -4$$

$$X + 4 = 4$$

$$0 = X$$

$$X = 12$$

$$2 = 0 + X$$

$$X = 2$$



$$X = 3$$

$$X + 3 = 6$$



$$1 = X + 7$$

$$X = 18$$



$$X = -12$$

$$X + 4 = 10$$

$$X = 4$$

$$7 + X = -10$$

(Addition and Subtraction Properties)



**YOU'RE
RIGHT
ON
TARGET!**

Copy onto the back of the puzzle.