

# PURE FUN ACTIVITIES

## ALGEBRA ACTIVITY

Use the values of each item in the example questions to help find the answers to the questions following. Good luck!

### EXAMPLES:

$$\text{Tomato} + \text{Tomato} = 20$$

$$\text{Pepper} + \text{Cucumber} + \text{Eggplant} = 10$$

$$\text{Tomato} + \text{Pepper} + \text{Pepper} = 16$$

$$\text{Tomato} + \text{Eggplant} + \text{Sun} = 16$$

$$\text{Tomato} + \text{Pepper} + \text{Cucumber} = 18$$

What is the value of each item?

Tomato: \_\_\_\_\_

Eggplant: \_\_\_\_\_

Sun: \_\_\_\_\_

Cucumber: \_\_\_\_\_

Pepper: \_\_\_\_\_

$$\text{Pepper} + \text{Tomato} - \text{Sun} = \underline{\hspace{2cm}}$$

$$\text{Pepper} + \text{Tomato} + \text{Eggplant} + \text{Cucumber} + \text{Sun} = \underline{\hspace{2cm}}$$

$$\text{Eggplant} + \text{Tomato} \times \text{Sun} - \text{Cucumber} = \underline{\hspace{2cm}}$$

$$\text{Tomato} \times \text{Sun} - \text{Pepper} - \text{Tomato} = \underline{\hspace{2cm}}$$

$$\text{Eggplant} + \text{Cucumber} - \text{Sun} \times \text{Pepper} - \text{Tomato} = \underline{\hspace{2cm}}$$

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# PURE FUN ACTIVITIES

## ALGEBRA ACTIVITY

Use the values of each item in the first answer to help find the answers to the questions following. Good luck!

### EXAMPLES:

$$\begin{matrix} \text{shoe} & + & \text{shoe} & = & 16 \\ \text{shoe} & + & \text{shoe} & = & 16 \end{matrix}$$

$$\text{soccer ball} + \text{bike} + \text{ladybug} = 14$$

$$\text{shoe} + \text{soccer ball} = 13$$

$$\text{soccer ball} + \text{ladybug} + \text{jump rope} = 16$$

$$\text{shoe} - \text{soccer ball} + \text{bike} = 10$$

What is the value of each item?

Soccer Ball: \_\_\_\_\_

Jump Rope: \_\_\_\_\_

Bike: \_\_\_\_\_

Running Shoes: \_\_\_\_\_

Ladybug: \_\_\_\_\_

$$\text{ladybug} + \text{bike} - \text{shoe} = \underline{\hspace{2cm}}$$

$$\text{bike} \times \text{soccer ball} + \text{ladybug} - \text{shoe} + \text{jump rope} = \underline{\hspace{2cm}}$$

$$\text{soccer ball} - \text{jump rope} = \underline{\hspace{2cm}}$$

$$\text{soccer ball} + \text{jump rope} - \text{shoe} \times \text{ladybug} + \text{bike} = \underline{\hspace{2cm}}$$

$$\text{jump rope} + \text{ladybug} + \text{bike} = \underline{\hspace{2cm}}$$

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