Algebra Logic Puzzles

Math Logic Puzzle #1:

$$\text{🍉} + \text{🍉} + \text{🍉} = 36$$
$$\text{🍉} + \text{🍊} + \text{🍊} = 28$$
$$\text{🍊} - \text{🍌} = 3$$

$$\text{🍊} = ? \quad \text{🍉} = ? \quad \text{🍌} = ?$$

Math Logic Puzzle #2:

$$\text{🪐} + \text{🪐} + \text{🪐} = 21$$
$$\text{👨‍🚀} + \text{🪐} = \text{🚀}$$
$$\text{🪐} + \text{👨‍🚀} = 11$$

$$\text{🪐} = ? \quad \text{👨‍🚀} = ? \quad \text{🚀} = ?$$

Math Logic Puzzle #3:

$$\text{🌵} + \text{🌵} + \text{🪴} = 51$$
$$\text{🌵} = \text{🪴}$$
$$\text{🪴} \times \text{🌿} = 0$$

$$\text{🌵} = ? \quad \text{🌿} = ? \quad \text{🪴} = ?$$

Math Logic Puzzle #4:

$$\text{🍔} + \text{🍅} + \text{🍟} = 58$$
$$1 \times \text{🍔} = \text{🍟}$$
$$\text{🍅} \times \text{🍅} = 64$$

$$\text{🍔} = ? \quad \text{🍅} = ? \quad \text{🍟} = ?$$

Math Logic Puzzle #5:

$$\text{🎮} \times \text{🎮} \times \text{🎮} = 216$$
$$\text{🎮} \div \text{🎮} = \text{🎮}$$
$$\text{🎮} \times \text{🎮} = 54$$

$$\text{🎮} = ? \quad \text{🎮} = ? \quad \text{🎮} = ?$$

Math Logic Puzzle #6:

$$\text{🐺} + \text{🐩} = \text{🐶} + 3$$
$$\text{🐶} = \text{🐺} + 7$$
$$1 = \text{🐩} \div \text{🐺}$$

$$\text{🐺} = ? \quad \text{🐶} = ? \quad \text{🐩} = ?$$

Math Logic Puzzle #7:

$$\text{🍪} + \text{🍰} \times \text{🧁} = 70$$
$$10 - \text{🍰} = \text{🍰}$$
$$\text{🍪} \div \text{🍰} = 8$$

$$\text{🍰} = ? \quad \text{🍪} = ? \quad \text{🧁} = ?$$

Math Logic Puzzle Bonus!

$$\text{🚐} + \text{🚐} + \text{🚐} = 36$$
$$\text{🕊️} + \text{💗} + \text{🕊️} = 6$$
$$\text{🚐} + \text{🚐} + \text{🕊️} = 24$$

$$\text{🚐} = ? \quad \text{🕊️} = ? \quad \text{💗} = ?$$

ANSWER KEY:

1. **Peach=8, Watermelon=12, Banana=5**
2. **Planet=7, Helmet=4, Rocket=11**
3. **Yellow Pot=17, Orange Pot=0, Purple Pot=17**
4. **Burger=25, Ketchup=8, French Fries=25**
5. **Playstation Controller=6, Gameboy=3, Switch Controller=18**
6. **Husky=10, Terrier=17, Poodle=10**
7. **Cake=5, Cookie=40, Cupcake=6**

   Bonus: **Van=12, Dove=0, Heart=6**