

MathFLIX CHALLENGE

Color Tile Riddles

Get out your markers! Discover what number each color stands for. The values of the colors stay the same within each riddle, but vary between riddles.

Puzzle 1

$$4 + \text{Red} = \text{Blue}$$
$$\text{Blue} + 3 = 9$$

Puzzle 2

$$\text{Blue} + \text{Red} = 14$$
$$6 - \text{Blue} = 1$$

Puzzle 3

$$\text{Green} + \text{Red} = 14$$
$$15 - \text{Green} = 9$$
$$\text{Red} + 7 = 15$$

Puzzle 4

$$\text{Yellow} + 7 = 16$$
$$\text{Green} - \text{Blue} = 2$$
$$\text{Blue} + 8 = 13$$

Puzzle 5

$$\text{Yellow} + \text{Green} = 12$$
$$\text{Green} + 9 = 16$$
$$\text{Yellow} - \text{Blue} = 2$$

Puzzle 6

$$5 + \text{Blue} = \text{Red}$$
$$\text{Green} + 1 = 10$$
$$\text{Blue} + \text{Blue} = \text{Yellow}$$
$$\text{Yellow} + 1 = 9$$

