

Math Reasoning Puzzles

Each picture has a secret value. Work out the missing number.

Name: _____

$$\text{Green Butterfly} + \text{Green Butterfly} = 24$$

$$\text{Green Butterfly} + \text{Pink Tree} = 14$$

$$\text{Pink Tree} = ?$$

$$\text{Green Tree} + \text{Green Tree} = 20$$

$$\text{Green Tree} + \text{Orange} = 14$$

$$\text{Orange} = ?$$

$$\text{Pink Apple} + \text{Pink Apple} = 12$$

$$\text{Pink Apple} + \text{Blue Moon} = 9$$

$$\text{Blue Moon} = ?$$

$$\text{Yellow Butterfly} + \text{Yellow Butterfly} = 24$$

$$\text{Yellow Butterfly} + \text{Pink Balloon} = 13$$

$$\text{Pink Balloon} = ?$$

$$\text{Yellow Fish} + \text{Yellow Fish} = 2$$

$$\text{Yellow Fish} + \text{Pink Butterfly} = 6$$

$$\text{Pink Butterfly} = ?$$

Math Reasoning Puzzles - Answer key

Ages 8-9

$$\text{Green Butterfly} + \text{Green Butterfly} = 24$$

$$\text{Green Butterfly} + \text{Pink Tree} = 14$$

$$\text{Pink Tree} = 2$$

$$\text{Green Tree} + \text{Green Tree} = 20$$

$$\text{Green Tree} + \text{Orange} = 14$$

$$\text{Orange} = 4$$

$$\text{Pink Apple} + \text{Pink Apple} = 12$$

$$\text{Pink Apple} + \text{Blue Moon} = 9$$

$$\text{Blue Moon} = 3$$

$$\text{Yellow Butterfly} + \text{Yellow Butterfly} = 24$$

$$\text{Yellow Butterfly} + \text{Pink Balloon} = 13$$

$$\text{Pink Balloon} = 1$$

$$\text{Yellow Fish} + \text{Yellow Fish} = 2$$

$$\text{Yellow Fish} + \text{Pink Butterfly} = 6$$

$$\text{Pink Butterfly} = 5$$