

# Math Challenge

Practice your math skills with these math challenges. Below are a series of math equations where the numbers are replaced by images. The only number you are given is the answer you get after you solve the equation. Can you figure out what number the image represents in each equation based off the answer? Build up your math skills as you tackle these addition, subtraction, multiplication, and division challenges.

Addition:

$$\text{Hamster} + \text{Hamster} + \text{Hamster} = 12$$

$$\text{Hamster} + \text{Crayons} = 7$$

$$\text{Crayons} + \text{Library Card} = 10$$

$$\text{Hamster} + \text{Crayons} + \text{Library Card} = 14$$

Addition:

$$\text{Monster} + \text{Monster} + \text{Monster} = 15$$

$$\text{Library eCARD} + \text{Monster} = 9$$

$$\text{Library eCARD} + \text{Pencil} = 14$$

$$\text{Pencil} + \text{Monster} + \text{Library eCARD} = 19$$

Subtraction:

$$\text{Robot} - \text{Gear} = 2$$

$$\text{Lightning Bolt} - \text{Robot} = 3$$

$$\text{Lightning Bolt} - \text{Gear} = 5$$

$$\text{Lightning Bolt} - \text{Gear} = 5 - \text{Robot} = 2$$

Subtraction:

$$\text{Planet Saturn} - \text{Rocket} = 8$$

$$\text{Planet Earth} - \text{Rocket} = 4$$

$$\text{Planet Saturn} - \text{Planet Earth} = 4$$

$$\text{Planet Saturn} - \text{Rocket} = 8 - \text{Planet Earth} = 0$$

Multiplication:

$$4 \text{ Hands} \times 1 \text{ Hand} = 4$$

$$2 \text{ Hands} \times 5 \text{ Leaves} = 10$$

$$3 \text{ Leaves} \times 5 \text{ Pencils} = 15$$

$$2 \text{ Pencils} \times 3 \text{ Hands} = 6$$

Multiplication:

$$\text{🏖️} \times \text{🏖️} = 9$$

$$\text{🏖️} \times \text{📖} = 15$$

$$\text{📖} \times \text{👣} = 35$$

$$\text{👣} \times \text{🏖️} = 21$$

Division:

$$\text{🦋} \div \text{🌸} = 5$$

$$\text{🐦} \div \text{🌸} = 2$$

$$\text{🍴} \div \text{🦋} = 5$$

$$\text{🍴} \div \text{🌸} = 25$$

Division:

$$\text{Tree} \div \text{Fox} = 3$$

$$\text{Tree} \div \text{Bird} = 4$$

$$\text{Fox} \div \text{Eggs} = 2$$

$$\text{Tree} \div \text{Eggs} = 6$$

## Answer Key:

Addition:  $4+4+4=12$ ,  $4+3=7$ ,  $3+7=10$ ,  $4+3+7=14$

Addition 2:  $5+5+5=15$ ,  $4+5=9$ ,  $4+10=14$ ,  $10+5+4=19$

Subtraction:  $3-1=2$ ,  $6-3=3$ ,  $6-1=5$ ,  $6-1=5-3=2$

Subtraction 2:  $12-4=8$ ,  $8-4=4$ ,  $12-8=4$ ,  $12-4=8-8=0$

Multiplication:  $2 \times 2=4$ ,  $2 \times 5=10$ ,  $5 \times 3=15$ ,  $3 \times 2=6$

Multiplication 2:  $3 \times 3=9$ ,  $3 \times 5=15$ ,  $5 \times 7=35$ ,  $7 \times 3=21$

Division:  $10 \div 2=5$ ,  $4 \div 2=2$ ,  $50 \div 10=5$ ,  $50 \div 2=25$

Division 2:  $12 \div 4=3$ ,  $12 \div 3=4$ ,  $4 \div 2=2$ ,  $12 \div 2=6$