

$$5 + (27 + 35)$$

a)  $(27 + 35) + 5$  a: commutative

b)  $27 + (35 + 5)$  b: associative

$$24 + n = 36$$

$$n + 24 = 36$$

$$36 - n = 24$$

$$\underline{36 - 24 = n}$$

Diagram illustrating the equation  $24 + n = 36$  with labels:

- 24: known addend
- n: missing addend
- 36: sum

$$\text{SUM} - \text{known addend} = \text{missing addend}$$

$$q + 5 = 7$$
$$7 - 5 = q$$
$$q = 2$$

## missing minuend

minuend

subtrahend

$$v - 4 = 10$$

difference

$$v - 10 = 4$$

$$\boxed{\begin{array}{l} 10 + 4 = v \\ 4 + 10 = v \end{array}}$$

difference + subtrahend = minuend

## Subtrahend

$$7 - r = 4$$

$$4 + r = 7$$

$$r + 4 = 7$$

$$\star 7 - 4 = r$$

minuend - difference = subtra.

$$4b = 12$$

known factor

missing factor

product

$$12 \div 4 = b$$

$$\text{product} \div \text{known factor} = \text{missing factor}$$

$$14 \div x = 2$$

↓                    ↓                    ↓  
dividend        divisor            quotient

$$14 \div 2 = x$$

$$\text{dividend} \div \text{quotient} = \text{divisor}$$

$$y \div 4 = 2$$

$$4 \cdot 2 = y$$

$$2 \cdot 4 = y$$

$$\text{divisor} \times \text{quotient} = \text{dividend}$$

## Missing Addend

$$\text{SUM} - \text{KNOWN ADDEND} = \text{MISSING ADDEND}$$

## Missing Subtrahend

$$\text{MINUEND} - \text{DIFFERENCE} = \text{SUBTRAHEND}$$

## Missing Minuend

$$\text{DIFFERENCE} + \text{SUBTRAHEND} = \text{MINUEND}$$

## Missing Factor

$$\text{PRODUCT} \div \text{KNOWN FACTOR} = \text{MISSING FACTOR}$$

## Missing Dividend

$$\text{QUOTIENT} \times \text{DIVISOR} = \text{DIVIDEND}$$

## Missing Divisor

$$\text{DIVIDEND} \div \text{QUOTIENT} = \text{DIVISOR}$$

L3 : #2-6, 8-11, 13-15, 17, 18  
20, 22, 29  
plus

label parts of  
addition  
subtraction  
multiplication  
division } Problems