

# 等式の性質

$$\begin{array}{ccc} 3+2 & = & 5 \\ \text{左辺} & & \text{右辺} \end{array} \quad \begin{array}{c} \text{等式} \\ \text{左辺と右辺} \\ \text{両辺} \end{array}$$

$$\frac{3+2}{5} = \frac{6-1}{5}$$

$$A = B \quad \text{ならば} \quad 3+2 = 5$$

$$\textcircled{1} \quad A + C = B + C \quad 3+2+4 = 5+4$$

$$\textcircled{2} \quad A - C = B - C \quad 3+2-4 = 5-4$$

$$\textcircled{3} \quad A \times C = B \times C \quad (3+2) \times 4 = 5 \times 4$$

$$\textcircled{4} \quad A \div C = B \div C \quad (3+2) \div 4 = 5 \div 4$$

(Cは0ではない)

$$\begin{array}{ccc} x+5 = 4+5 & & x \text{がいくつかを} \\ x = 4 & & \text{求めることができる。} \end{array}$$

$$\textcircled{1} \quad x \times 4 = 3 \times 4 \quad x \text{は?}$$

$$\textcircled{2} \quad x \div 2 = 6 \div 2 \quad x \text{は?}$$