

中 3 数学 二次方程式

$$2X - 6 = 0$$



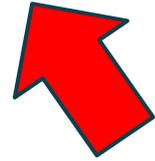
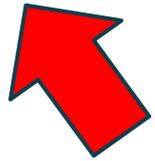
一次式

$$X^2 - 6X + 8 = 0$$



二次式

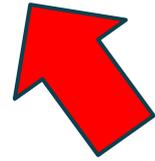
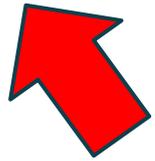
$$X^2 - 6X + 8 = 0 \quad \text{の解は？}$$



Xの値を代入する

1から順に代入します

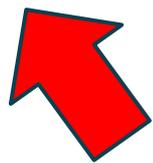
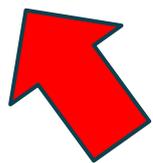
$$X^2 - 6X + 8 = 0 \quad \text{の解は？}$$



Xに1を代入する

$$1^2 - 6 \times 1 + 8 = 3$$

$$X^2 - 6X + 8 = 0 \quad \text{の解は？}$$

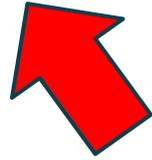
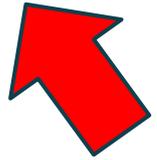


Xに1を代入する

$$1^2 - 6 \times \cancel{1} + 8 = 3$$

0にならない

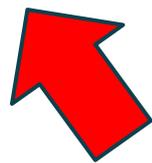
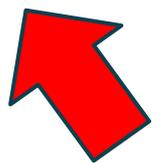
$$X^2 - 6X + 8 = 0 \quad \text{の解は？}$$



Xに2を代入する

$$2^2 - 6 \times 2 + 8 = 0$$

$$X^2 - 6X + 8 = 0 \quad \text{の解は？}$$

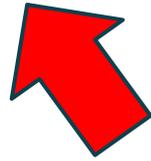
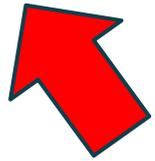


Xに2を代入する

$$2^2 - 6 \times 2 + 8 = 0$$

0になる！

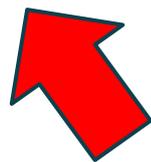
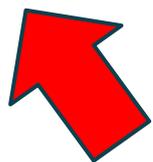
$$X^2 - 6X + 8 = 0 \quad \text{の解は？}$$



Xに3を代入する

$$3^2 - 6 \times 3 + 8 = -1$$

$$X^2 - 6X + 8 = 0 \quad \text{の解は？}$$

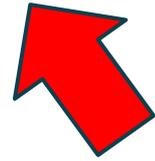
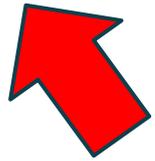


Xに3を代入する

$$3^2 - 6 \times \cancel{3} + 8 = -1$$

0にならない

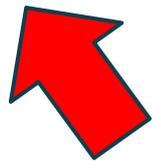
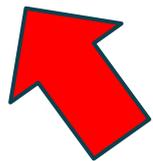
$$X^2 - 6X + 8 = 0 \quad \text{の解は？}$$



Xに4を代入する

$$4^2 - 6 \times 4 + 8 = 0$$

$$X^2 - 6X + 8 = 0 \quad \text{の解は？}$$



Xに4を代入する

$$4^2 - 6 \times 4 + 8 = 0$$

0になる！

$$X^2 - 6X + 8 = 0 \quad \text{の解は？}$$

$$X = 2, \quad X = 4 \text{ です。}$$