

第26回 式の値 講義編2

解答

a=1、b=2 のとき

① $a+b$

$$=1+2 =3$$

② $ab =a\times b$

$$=1\times 2 =2$$

③ $a+b^2$

$$=a+b\times b =1+2\times 2 =1+4 =5$$

負の数の代入

a=-5 のとき

① $4a$

$$=4\times a =4\times (-5) =-20$$

② $-3a+2$

$$=(-3)\times a+2 =(-3)\times (-5)+2 =15+2 =17$$

③ $14-4a$

$$=14-4\times (-5) =14+20 =34$$

④ a^2

$$=a\times a =(-5)\times (-5) =25$$

⑤ $(-a)^2$

$$=\{(-1)\times a\}^2 =\{(-1)\times (-5)\}^2 =5^2 =25$$

⑥ $-a^2$

$$=(-1)\times a\times a =(-1)\times (-5)\times (-5) =-25$$

⑦ $\frac{10}{a}$

$$=10\div (-5) =-2$$