

$$g(3)=9 \quad g(-2)=-11 \quad g(x)=ax+b$$

$$g(3)=3a+b=9 \implies b=9-3a$$

$$g(-2)=-2a+b=-11$$

$$-2a+9-3a=-11$$

$$-5a=-11-9$$

$$-5a=-20 \Rightarrow a=4$$

$$\text{Donc } b=9-3 \times 4 = -3$$

$$\text{Alors } g(x)=4x-3$$

$$h(2)=-5 \quad h(5)=-14 \quad h(x)=ax+b$$

$$h(2)=2a+b=-5 \implies b=-5-2a$$

$$h(5)=5a+b=-14$$

$$5a-5-2a=-14$$

$$3a=-9 \Rightarrow a=-3$$

$$\text{Donc } b=-5-2 \times (-3)=1 \Rightarrow h(x)=-3x+1$$