Dish. Math

Prüf. SoSe 23

2. (2)

$$= 25k + 23 - \left\lfloor \frac{25k + 23}{5k + 4} \right\rfloor \cdot (5k + 4)$$

= 
$$25k+23-\left\lfloor \frac{25k+20+3}{5k+4}\right\rfloor \cdot (5k+4)$$

= 
$$25h + 23 - L \frac{5(5h+4)+3}{5h+4} \cdot (5h+4)$$

$$= 25h + 23 - \left( \left\lfloor \frac{5(5h+4)}{5h+4} \right\rfloor + \left\lfloor \frac{3}{5k+4} \right\rfloor \right) \cdot \left( 5k+4 \right)$$

$$= 25k - 25k + 23 - 20 = 3$$