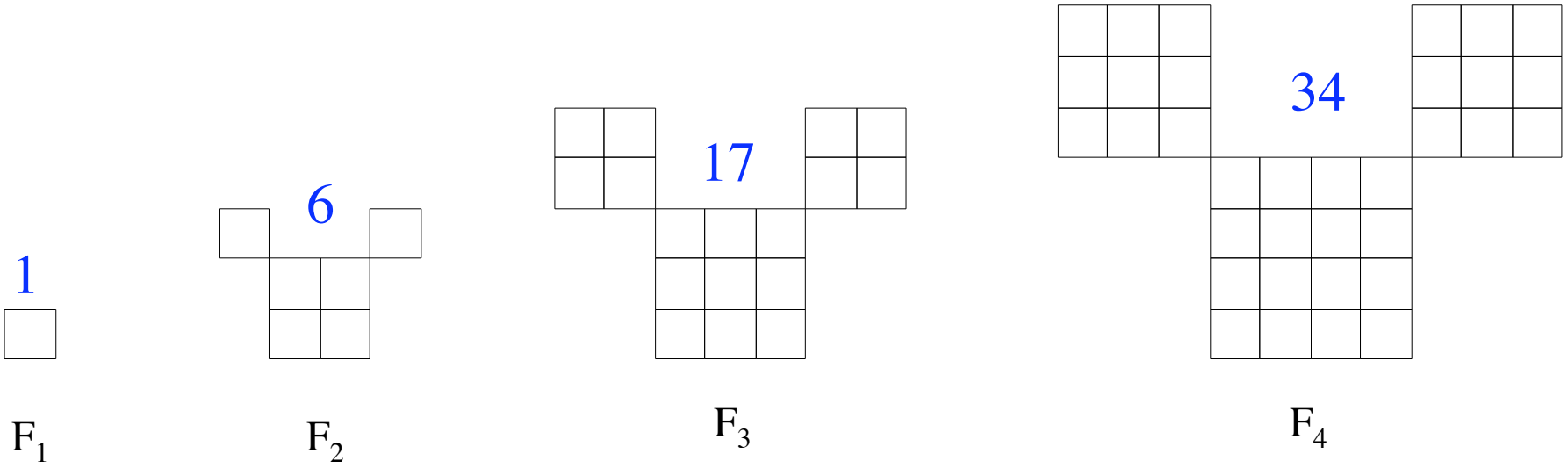
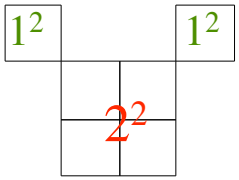
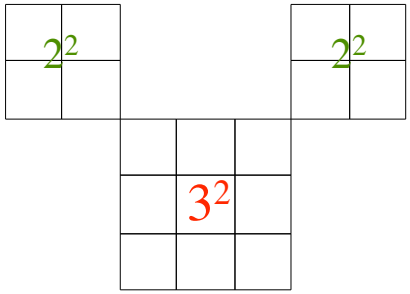
Term für die Anzahl Quadrate in der Figur F_x?



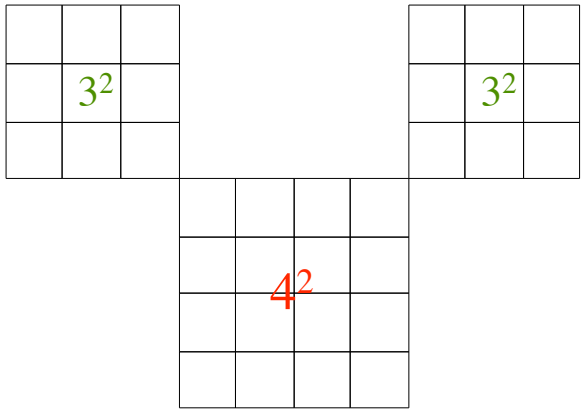
F_1



F_2



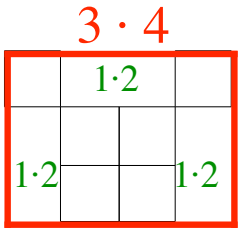
F_3



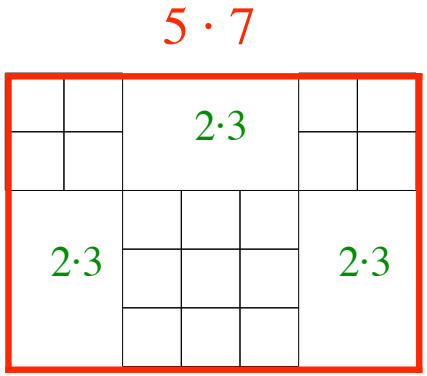
F_4

$$F_x: x^2 + 2 \cdot (x-1)^2 = 3x^2 - 4x + 2$$

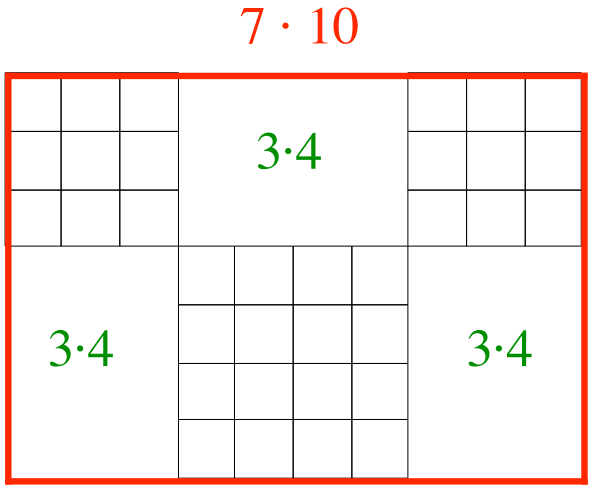
F_1



F_2

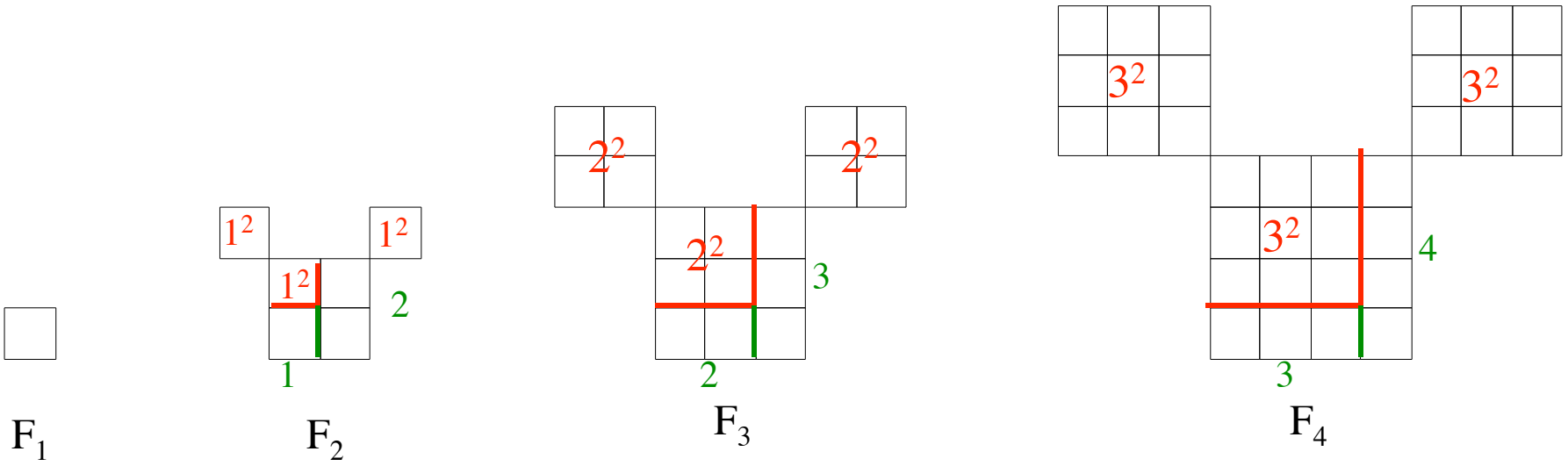


F_3



F_4

$$F_x: (2x-1)\cdot(3x-2) - 3 \cdot x\cdot(x-1) = 3x^2 - 4x + 2$$



F_1 F_2 F_3 F_4

$$F_x: \; 3\cdot(x-1)\cdot(x-1) + x + x-1 = 3x^2 - 4x + 2$$