

Uitwerkingen Havo wis B

SE-1

1a $(2x+3)(2x-3) = -5x$

$$4x^2 - 9 = -5x \quad 4x^2 + 5x - 9 = 0$$

met abc: $x = 1$ of $x = 1\frac{1}{4}$

3p

$$\pm \frac{1}{4} (5-3x)^2 - 2 = 14$$

$$(5-3x)^2 = 64$$

$$5-3x = 8 \quad \text{of} \quad 5-3x = -8$$

$$x = -1$$

$$x = \frac{13}{3}$$

3p

2a) $\begin{cases} 2x+5y=4 \\ 4x-3y=-18 \end{cases} \left(\begin{array}{l} \text{los op naar} \\ x = -3 \\ y = 2 \end{array} \right)$

3p

b) $\begin{cases} x = 1-3y \\ 3x-2y=14 \end{cases} \left\{ \begin{array}{l} 3-9y-2y=14 \\ y = -1 \\ x = 4 \end{array} \right.$

3p