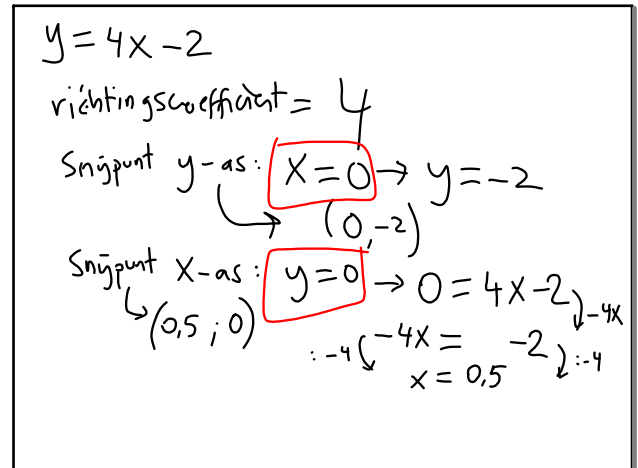
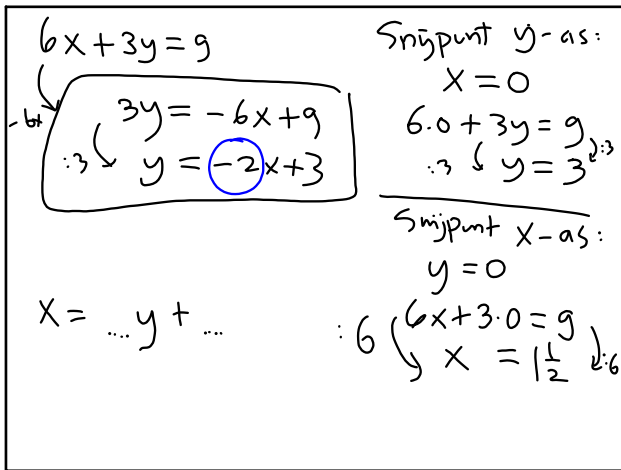


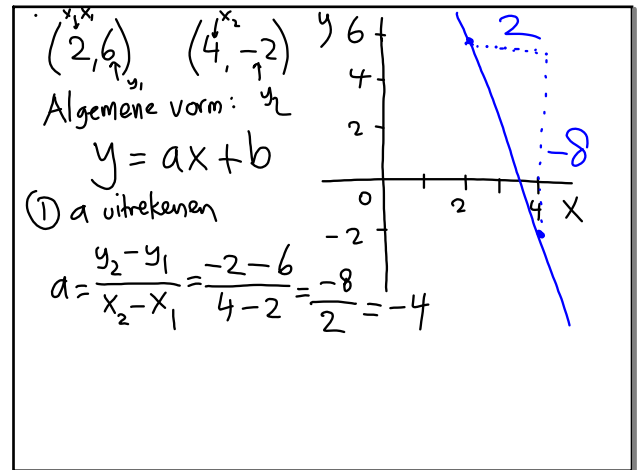
dec 13-13:01



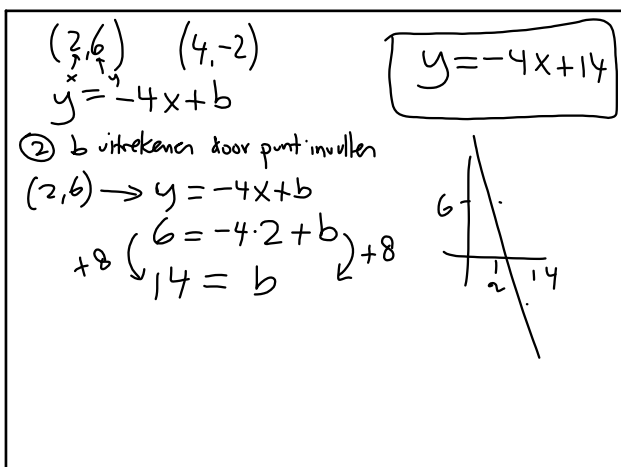
dec 13-13:12



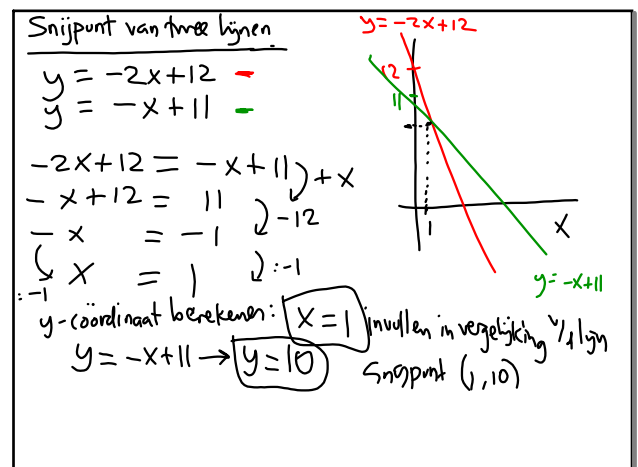
dec 13-13:22



dec 13-13:31



dec 13-13:42



dec 13-13:54

$$\begin{aligned}
 y &= 3x+4 \\
 y &= 2x+5 \\
 3x+4 &= 2x+5 \\
 x+4 &= 5 \quad \downarrow -2x \\
 x &= 1 \quad \downarrow -4 \\
 \text{invullen in b. } y &= 3x+4 \\
 y &= 3 \cdot 1 + 4 = 7 \\
 \text{Snijpunt } &(1,7)
 \end{aligned}$$

dec 13-14:04

$$\begin{aligned}
 2x+3y &= 18 \\
 2x+2y &= 14 \quad - \\
 \hline
 y &= 4 \\
 \text{invullen in één van de vergelijkingen:} \\
 2x+2y &= 14 \\
 y=4 \rightarrow 2x+2 \cdot 4 &= 14 \\
 -8 \quad \downarrow -8 \\
 2x &= 6 \\
 :2 \quad \downarrow :2 \\
 x &= 3
 \end{aligned}$$

Snijpunt: (3,4)

dec 13-14:08

$$\begin{aligned}
 15x-23y &= -1 \\
 x+23y &= 49 \quad + \\
 \hline
 16x &= 48 \\
 :16 \quad \downarrow :16 \\
 x &= 3 \\
 \text{invullen in b. } 15x-23y &= -1 \\
 15 \cdot 3 - 23y &= -1 \\
 45 - 23y &= -1 \quad \downarrow -45 \\
 -23y &= -46 \quad \downarrow : -23 \\
 y &= 2
 \end{aligned}$$

Snijpunt (3,2)

dec 13-14:13

$$\begin{aligned}
 3x+5y &= 0 \quad \leftarrow \times 5 \\
 5x+7y &= 8 \quad \leftarrow \times 3 \\
 \hline
 15x+25y &= 0 \\
 15x+21y &= 24 \quad - \\
 \hline
 4y &= -24 \\
 y &= -6 \\
 \text{invullen in vergelijking:} \\
 3x+5y &= 0 \\
 3x+5 \cdot (-6) &= 0 \\
 3x-30 &= 0 \quad \downarrow +30 \\
 3x &= 30 \quad \downarrow :3 \\
 x &= 10
 \end{aligned}$$

dec 13-14:19

$$\begin{aligned}
 19x+5y &= -7 \quad \leftarrow \times 2 \\
 -32x-10y &= -4 \\
 \hline
 38x+10y &= -14 \\
 -32x-10y &= -4 \quad + \\
 \hline
 6x &= -18 \\
 :6 \quad \downarrow :6 \\
 x &= -3
 \end{aligned}$$

dec 13-14:26

$$\begin{aligned}
 4x+3y &= 5 \quad \rightarrow \times 3 \\
 12x+9y &= 14 \\
 \hline
 12x+9y &= 15 \\
 12x+9y &= 14 \quad - \\
 \hline
 0 &= 1 \\
 \text{geen oplossingen}
 \end{aligned}$$

dec 13-14:30