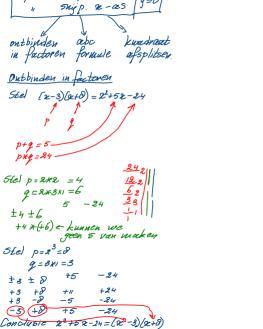
$$y=0$$
 $y=0$ 
 $y=0$ 

10.5.2. (x+1)(x-5)=0=



1 y=0,

Bepalen o-punten

y= 22 + 42 -5

y=(2+5)(2-1)

2 - 92 + 20

$$\frac{abc}{y} = ax^{2} + bz + c$$

$$y = x^{2} - 8x - x6$$

$$DD = b^{2} - 4ac$$

$$discriminant$$

$$a = 1 \\
b = -8$$

$$c = -26$$

$$D = 69 + 104$$

$$D = 168$$

$$D = 168$$

$$2_{1,2} = \frac{-b \pm \sqrt{D}}{2a}$$

$$2_{1,2} = \frac{-b \pm \sqrt{D}}{2a}$$

$$2_{2,1} = \frac{-b \pm \sqrt{D}}{2a} = 4 + 2\sqrt{42}$$

$$4 - 2\sqrt{2}$$

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$$\begin{array}{lll}
b=20 & D=20^2-4...b0 & De z \\
b=20 & = 400-240 & \frac{40}{20.2}z \\
z=20 & \frac{1}{20}z \\
z=30 & \frac{1}{20}z \\
z=20 & \frac{1}{20}$$

x2+20x+60=0

10.q.b.

-10 = & VIO

$$y = \alpha x^{2} + b\alpha + c$$

$$D \neq 0$$

$$D \Rightarrow 0$$

 $-\frac{D}{4a} = -\frac{160}{40} = -\frac{160}{40} = -40$ 

Kwadraet afsplitseu

$$y = a(x-p)^2 + 2$$
 $y = a(x-p)^2 + 2$ 
 $y = ax^2 + bx + c$ 
 $y = x^2 + 4x - 36$ 
 $x = x^2 + 4x + 4 - 4 - 36$ 
 $x = x^2 + 4x + 4 - 4 - 36$ 
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A - 40 = (A+V40)(A-V40)

$$(2+2)^{2} (40) = 70p(-2,-40)$$

$$A^{2} - 40 = (A + \sqrt{40})(A - \sqrt{40})$$

$$A^{2} - 8^{2} = (A + B)(A - B)$$

$$(2x + \sqrt{40})(x + 2 - \sqrt{40}) = 0 = 7$$

$$(2x - 2 + \sqrt{40}) = -2 - 2\sqrt{10}$$

$$y = \frac{x^{2} + 3x + 16}{4 - 16}$$

$$y = \frac{x^{2} + 3x + 16}{(x + 4)^{2}} - 18$$
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$$(a \pm b)^{2} = \frac{\alpha^{2} \pm 2x + b^{2}}{(x + 4)^{2} + 2x^{2} + 2x + b^{2}}$$

$$(2x + 4)^{2} = (x + 4)(x + 4) = x^{2} + 2x + 4x + 4$$

$$x^{2} + 4x + 4 - 4 + 1$$

$$y = (x + 2)^{2} - 3 \implies Top(-2, -3)$$

$$(x + 2)^{2} - 3 = 0 \implies Top(-2, -3)$$

$$(x + 2)^{2} - 3 = 0 \implies Top(-2, -3)$$

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$$(x + 2)^{2} - 3 = 0 \implies Top(-2, -3)$$

x=-2±1/3

y=22+82+3