2 x + y 2 6 => y 2 6 - x 2x + y 2 10 => y 2 10 - 2x => sungpunt 6-x 2 10-2 x /x210-624 y26-x26-42 y = 0 $\begin{cases} x = 6 \\ 2x = 6 \end{cases} \Rightarrow x = 5$ X20 dyz6 OPP 2 A blauve reclive - Degencoord 2 6.6 - 1.2. (6-5) 2 z 18-1 2 17 (B) $\frac{\partial F}{\partial x} \left((6-x) dx + \int (16-2x) dx \right)$ $\left(6\times-\frac{\times^2}{2}\right)\left|_{0}^{4}+\left(10\times-\times^2\right)\right|_{4}^{5}$ (16) + [25 - 24] = 17 (B)

3
$$\log_{10}(x) = a \iff 2^{a} = x$$

? $\log_{10}(x) = a \implies 2^{a} = x$
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$$\log_{10}(x$$

$$\begin{array}{ll}
\Theta & \int G_{2} = G_{1} \cdot 1.2 \\
G_{1} + G_{2} + G_{3} \\
3 & = 3.4
\end{array}$$

$$\begin{array}{ll}
G_{1} + G_{2} + G_{3} \\
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$$\begin{array}{ll}
G_{1} + G_{2} + G_{3} \\
3 & = 3.4
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$$\begin{array}{ll}
G_{1} + G_{2} + G_{3} \\
G_{1} - A_{1}2 + G_{1}3 \\
G_{2} - G_{3}
\end{array}$$

$$\begin{array}{ll}
G_{1} - A_{1}2 + G_{1}3 \\
G_{2} - G_{3}
\end{array}$$

$$\begin{array}{ll}
G_{1} - G_{2} - G_{3}
\end{array}$$

$$\begin{array}{ll}
A_{1}A_{2} - G_{3}
\end{array}$$

$$\begin{array}{ll}
G_{2} - G_{3}
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$$\begin{array}{ll}
A_{1}A_{2} - G_{3}
\end{array}$$

$$\begin{array}{ll}
G_{2} - G_{3}
\end{array}$$

$$\begin{array}{ll}
G_{3}A_{1} - G_{3}
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$$\begin{array}{ll}
G_{4} - G_{3}
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$$\begin{array}{ll}
G_{5} - G_{5}
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$$\begin{array}{ll}
G_{6} - G_{7}
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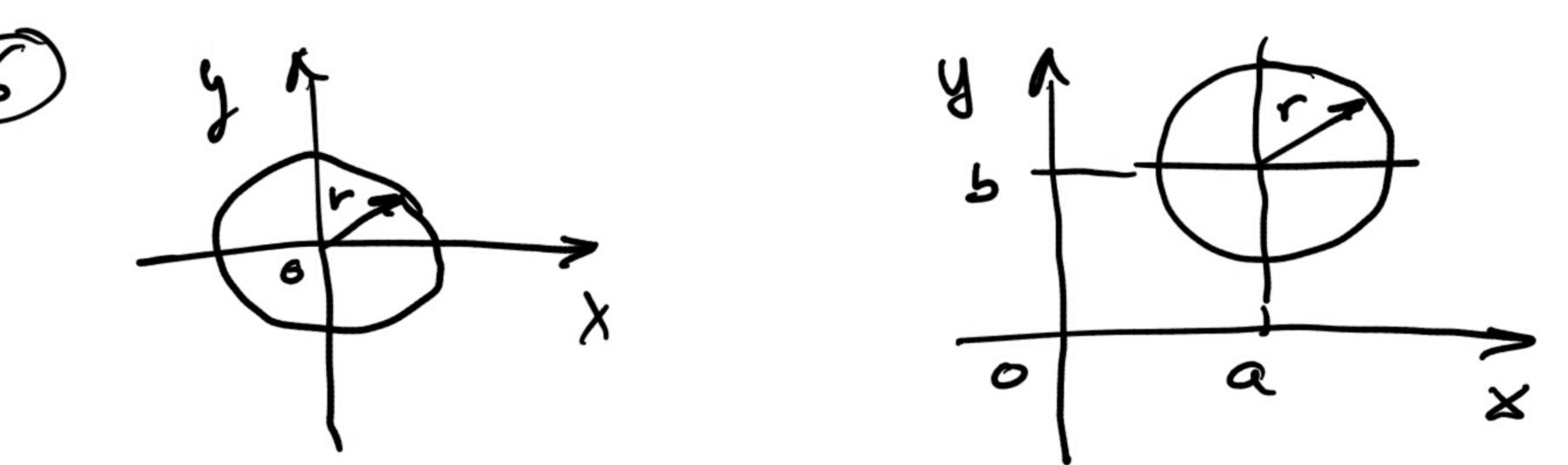
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(5) $f(x) = (x+1)^{3/2}$ snigent y-as: x=0-> y=1 roally: x+1=u=>duzdx $\frac{dy}{dx} = \frac{J(u^{3/2})}{du} = \frac{3}{2} u^{(\frac{3}{2}-1)} = \frac{3}{2} u^{1/2}$ コ かって アメイン \Rightarrow in x = 0 \Rightarrow $\frac{dy}{dx} = \frac{3}{2} = \text{nices}$ Neithe: $y = ax + b = \frac{3}{2}x + 1 = \frac{3x + 2}{2}$ vice y = x = 02y - 3x = 2



r² = ×² + y²

r² = (x-a)² + (y-b)²

r² = x² - lax + a² + y² - 2by + b²

r² = x² + y² + 2(-ax - by) + a² + b²

y a

(12) x

(3) -a = b = r = 2 $r^2 = x^2 + y^2 + 2r(x - y) + 2r^2$ $= 2 - r^2 = x^2 + y^2 + 2r(x - y)$ = 2r = 1 = 2r = 1

=> - \left(\frac{1}{2}\right)^2 = \times \left(+\gamma^2 + \times - \gamma\)
- \left(\frac{1}{2}\right)^2 = \times \left(+\gamma^2 + \times - \gamma\)
- \left(\frac{1}{2}\right)^2 = \times \left(+\gamma^2 + \times - \gamma\)
- \left(\frac{1}{2}\right)^2 = \times \left(+\gamma^2 + \times - \gamma\)
- \left(\frac{1}{2}\right)^2 = \times \left(+\gamma^2 + \times - \gamma\)

(8) (ab) (ef) = (ae + bg af + bh) ce + de) A. A => Iden potent A 2 (1-a b) A.A. z (a b) (a b) (1-a o) ab > 0 $\frac{2}{2} \left(\frac{a^{2} + b(1-a)}{(1-a)a + 0} \right)$ (1 (n-a)b 10) $z \left(\begin{array}{ccc} a & b \\ 1-a & 0 \end{array} \right)$ $\begin{cases} a^{2} + b(1-a) = a \\ ab = b \implies \text{ ended als } a = 1 \\ (1-a) a = 1-a \\ (1-a) b = 0 \end{cases}$ b doct or met the

z) a = 1 en 5 z willekeurig!

(9) Keuse 1 groef van 3 mérsjes uit 6 C3 = 6! = 2 (5.4.3.2.4) = 26 3!(6-3)! = 2.4.1(3.2.4) Maar we kresen 2 groeper van 3, dus slechts de helft mogelijk liete: to =) Des je 1 groep leiest, lieb je set de 2º aprocen -> de 3 die overblyver Eer groep van mersjøs lear un ge combineerd worden met jougen 1 of somee. Mogelyla louses = 10.2 = 20

(x2) $2x - 3y = -m^2$ (x2) -x + y = m $y^2 - y^2 - m^2 + 2m^2 - 2m$ $y^2 - 2m - 2m = 2$ $y^2 - 2m - 2m = 2$ $y^2 - 2m - 2m = 2$ m 1 -1 3 y 1 -1 3 3 2 parabool Dus 42-1 (B) Als je het intwerkt voor × brigg je oon waarde die met tursen de mogelijke antwoorden staat!