

1) Schulanheil Venhessent) weiter Stevan Wegjio 3a) i) (r+ or) = 455 · (r+ or) 2 //4 = 455 (r+ or) 2 - 455 r2

455 r + 855 r or + 455 or = 455 r2

O'(r) = 855 r + 4550r ii) 855-3+ (4,5-3).455 = 99,125 cm 4a) A: III B: IV C: I IP: II b) i) A. f'(-2)=3 $\frac{A^{2} + 1^{2} - 2^{2}}{B^{2} + 1^{2} + 2^{2}} = \frac{A(0,0) + B(-2,-3)}{A(0,0) + B(-2,-3)}$ $\frac{A^{2} + 2^{2} + 2^{2}}{A(0,0) + 2^{2} + 2^{2}} = \frac{1}{2}$ $\frac{A(0,0) + B(-2,-3)}{A(0,0) + 2^{2} + 2^{2}} = \frac{1}{2}$ 3 () ×0= 34 $\int_{0}^{1} (x) = -(x+0x)^{2} + x^{2} = -(x^{2} + 2xox + x^{2}) + x^{2}$ $\int_{0}^{1} (x) = -(x+0x)^{2} + x^{2}$ f(x) = -x2 9(x)=17-x2