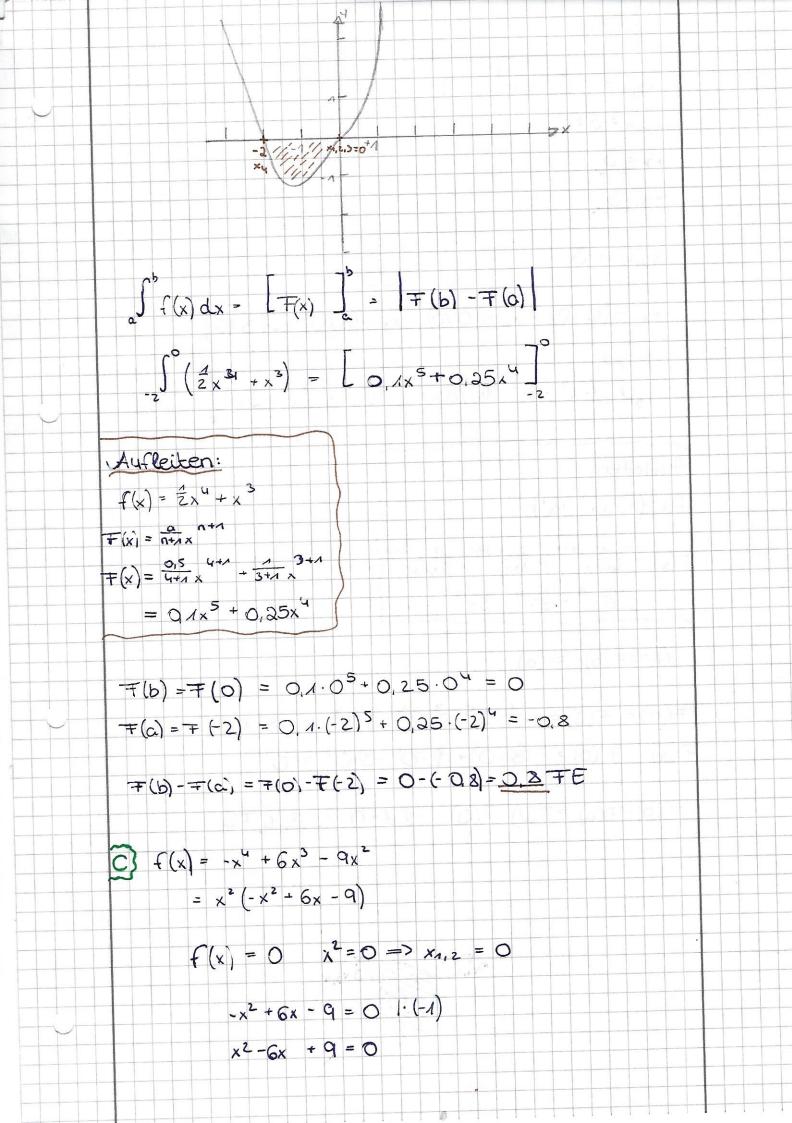
$$\int_{-\infty}^{\infty} f(x) dx = \left[\mp (x) \right]_{0}^{\infty} = \left[\mp (b) - \mp (a) \right]$$
Aurleiten:
$$f(x) = (\frac{1}{2}x^{2} - 3x) dx$$

$$\mp (x) = \frac{3}{2}x^{4} + \frac{3}{4}x^{4}$$

$$= \frac{4}{6}x^{3} - \frac{3}{2}x^{2}$$

$$= \frac{4}{6}x$$



pq: Formel

$$x_{0,1} = -\frac{c}{2} \pm \sqrt{(\frac{c}{2})^{2}} - q$$
 $x_{0,1} = 3 \pm 0$
 $x_{1} = 3$
 $x_{1} = 3$
 $x_{2} = 3$
 $x_{3} = 3$
 $x_{4} = 3$
 $x_{5} = 3$
 $x_{1} = (0/0)$
 $x_{2} = (0/0)$
 $x_{3} = (3/0)$
 $x_{3} = (3/0)$
 $x_{4} = (3/0)$
 $x_{5} = (3/0)$
 $x_{$

$$\frac{d}{d} f(x) = \frac{4}{2}x^{2} - \frac{4}{2}x - 3 \cdot 1 \cdot \frac{4}{2}$$

$$= x^{2} - x - 6$$

$$\Rightarrow \frac{1}{2} = \frac{4}{2} = \frac{4}{3} \cdot \frac{5}{3}$$

$$\Rightarrow x = \frac{4}{2} = \frac{4}{3} \cdot \frac{5}{3} \cdot \frac{5}{3}$$

$$\Rightarrow x = \frac{3}{2} \cdot \frac{5}{2} \cdot \frac{5}{2} \cdot \frac{5}{3} \cdot \frac{5$$