Algebra = Practice Exam 2

$$b^{\circ}+3(5a-2b+c^{2})-4a\div 2$$
 $a=2,b=1,c=4$
 $(1)^{\circ}+3(5(2)-2(1)+(4)^{2})-4(2)\div 2$

$$(8x^2-3x)-(6x^2-9x+4)$$

 $2x^2+6x-4$

$$(n^3 + 2n^2 + 8) \div (n-2)$$

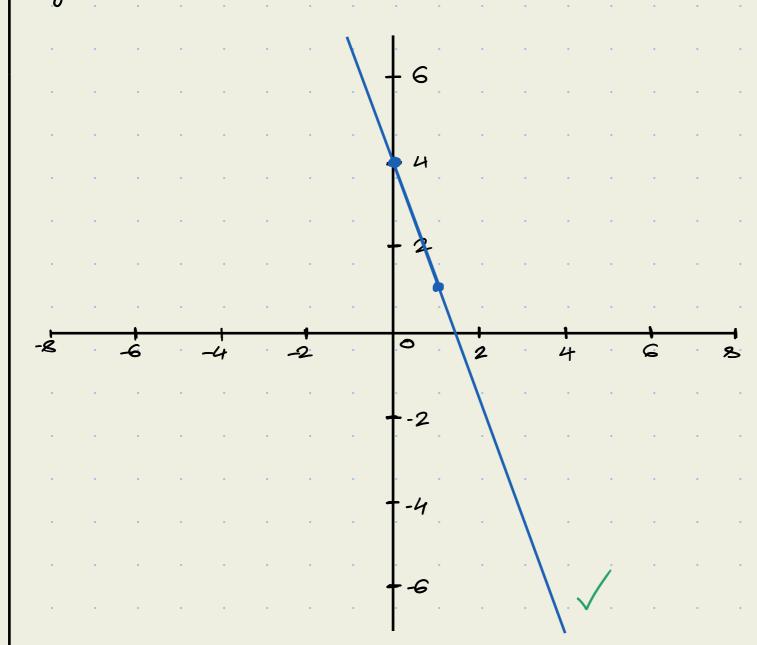
$$n^2 + 4n + 8 + \frac{24}{n-2}$$

$$3a^{5}b^{3} - 18a^{3}b^{3} - 21a^{2}b^{4}$$

$$3a^{2}b^{3}(a^{3} - 6a - 7b)$$

$$\therefore GCF = 3a^{2}b^{3}\sqrt{$$

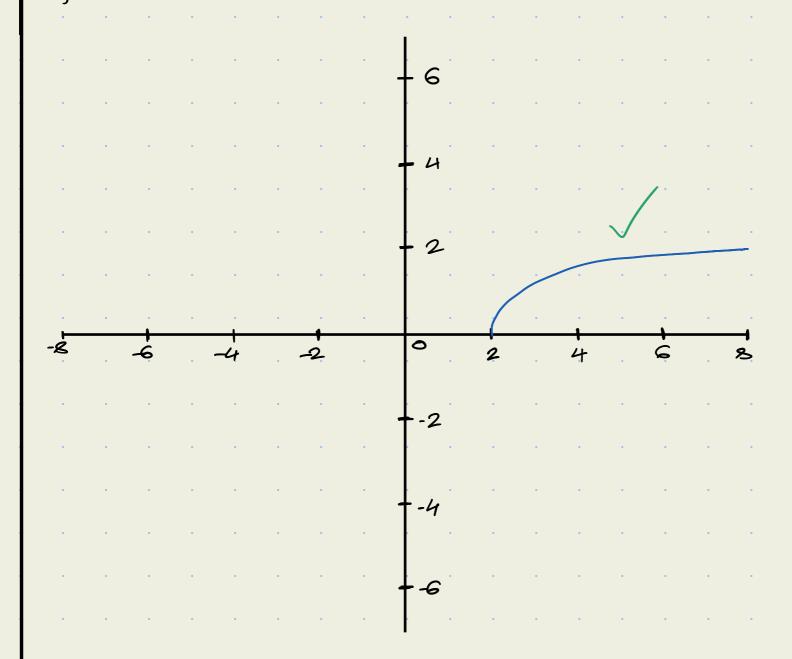
$$y = -3\infty + 4$$



$$2x^2 + 5x - 6 = 0$$

$$\alpha = \frac{-(5) \pm \sqrt{(5)^2 - 4(2)(-6)}}{2(2)}$$

$$= \frac{-5 \pm \sqrt{73}}{2}$$



$$f(x) = x^3 - 3x$$

$$f(-x) = (-x)^3 - 3(-x)$$

$$= -x^3 + 3x$$

$$f(x) \neq f(-x) \quad \text{Not non}$$

$$-f(x) = -(x^3 - 3x)$$

$$= -x^3 + 3x$$

$$f(-x) = -f(x) \text{ Odd} \sqrt{x^3 - 3x}$$

