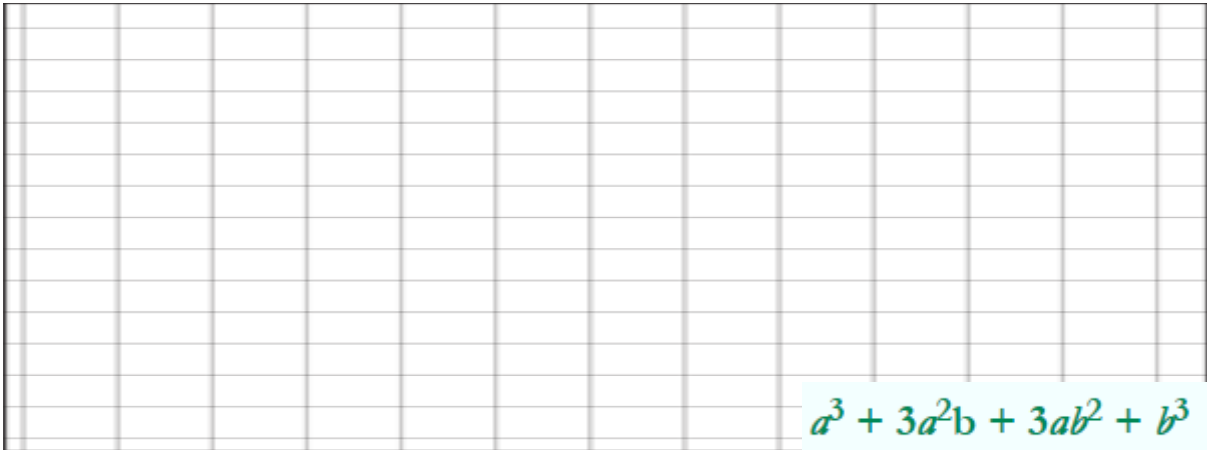
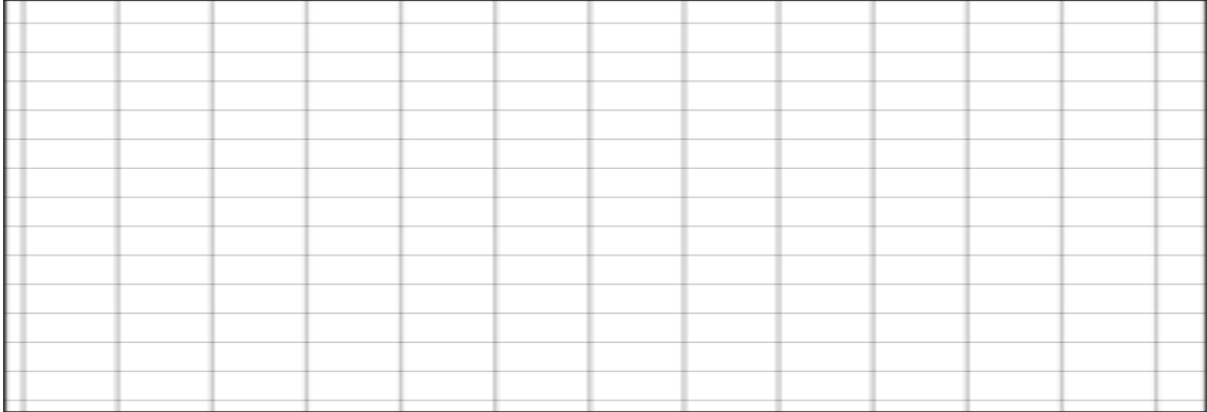


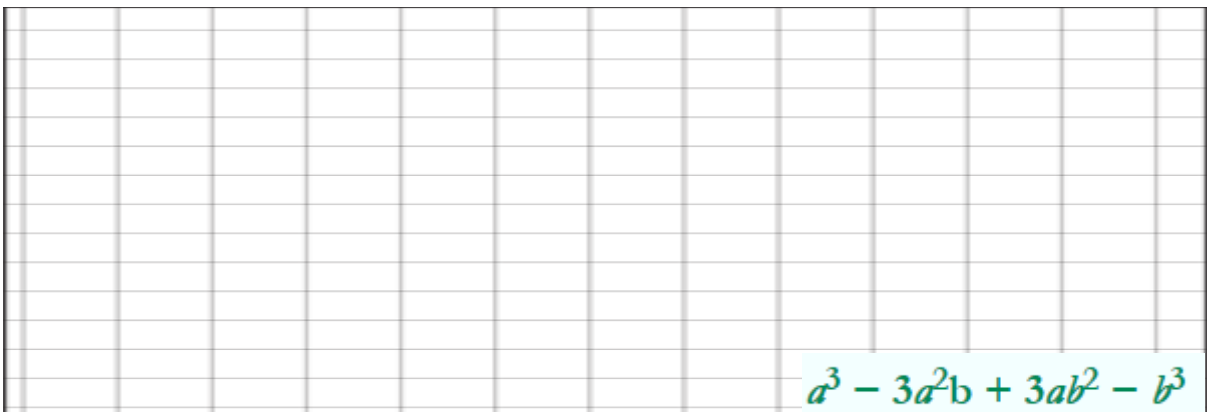
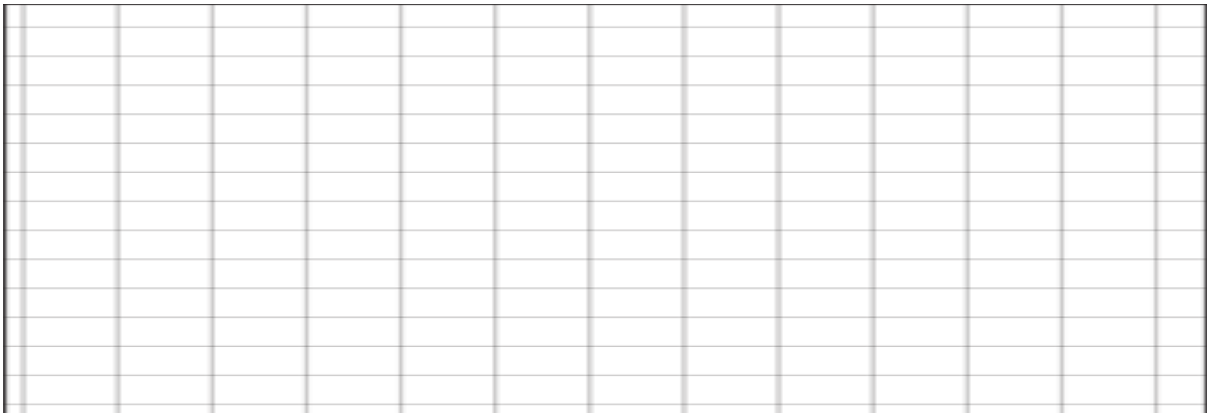
Solve each of the following

$$(a + b)^3$$



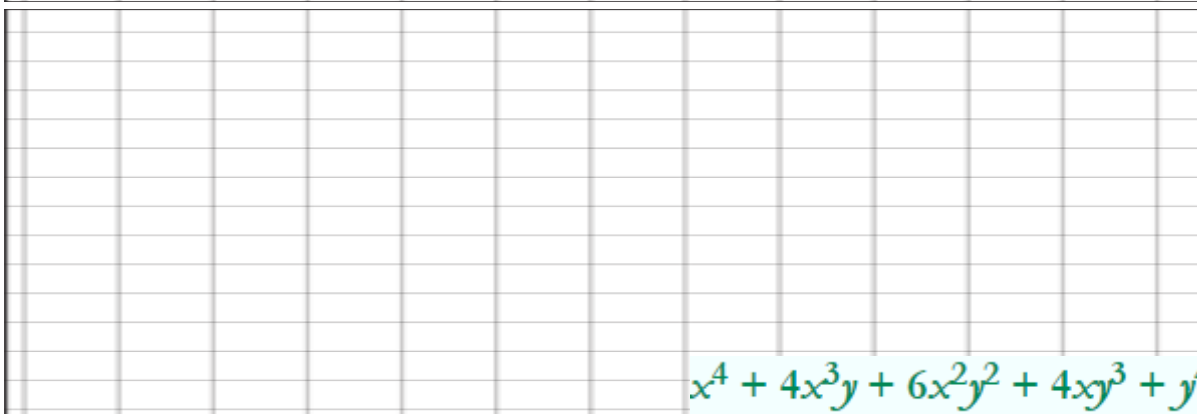
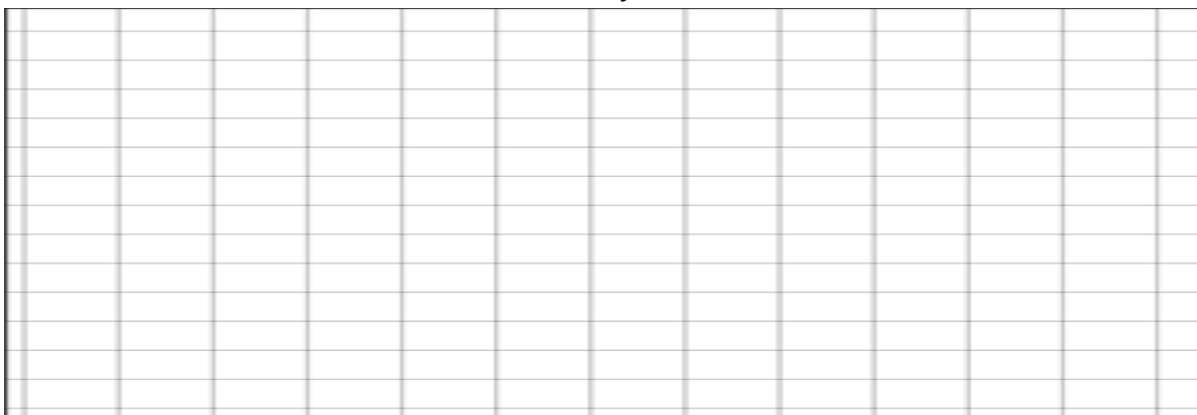
$$a^3 + 3a^2b + 3ab^2 + b^3$$

$$(a - b)^3$$



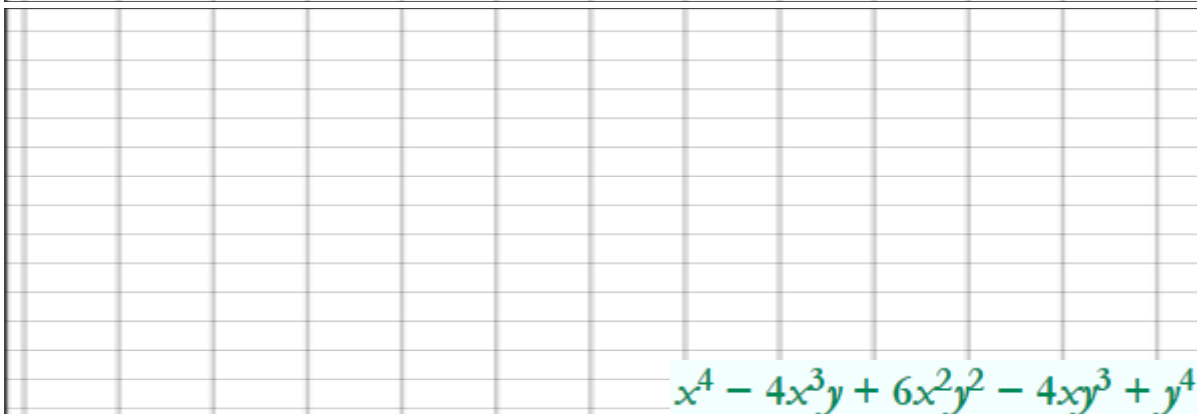
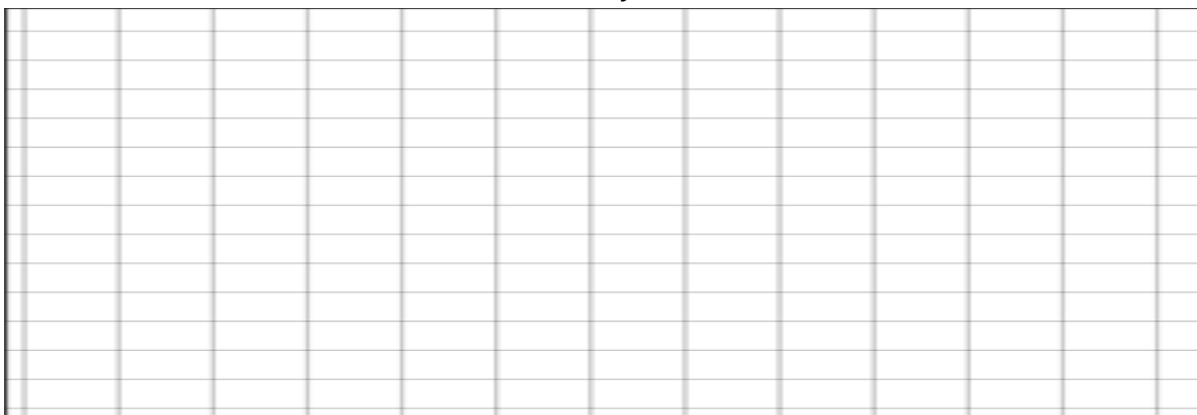
$$a^3 - 3a^2b + 3ab^2 - b^3$$

$$(x + y)^4$$



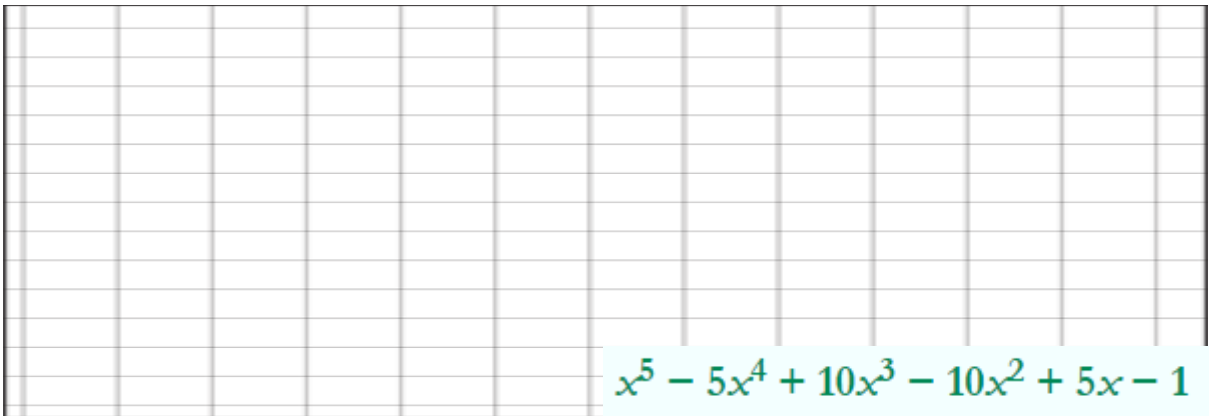
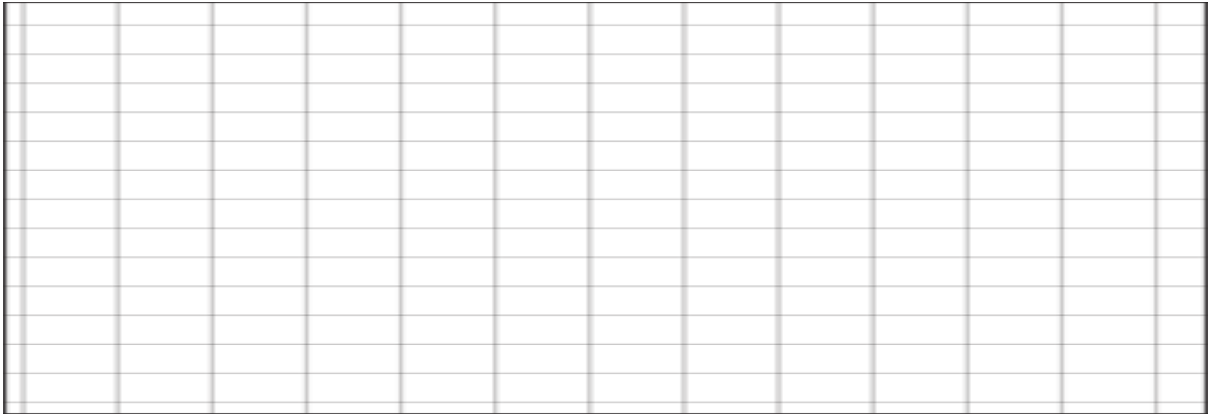
$$x^4 + 4x^3y + 6x^2y^2 + 4xy^3 + y^4$$

$$(x - y)^4$$



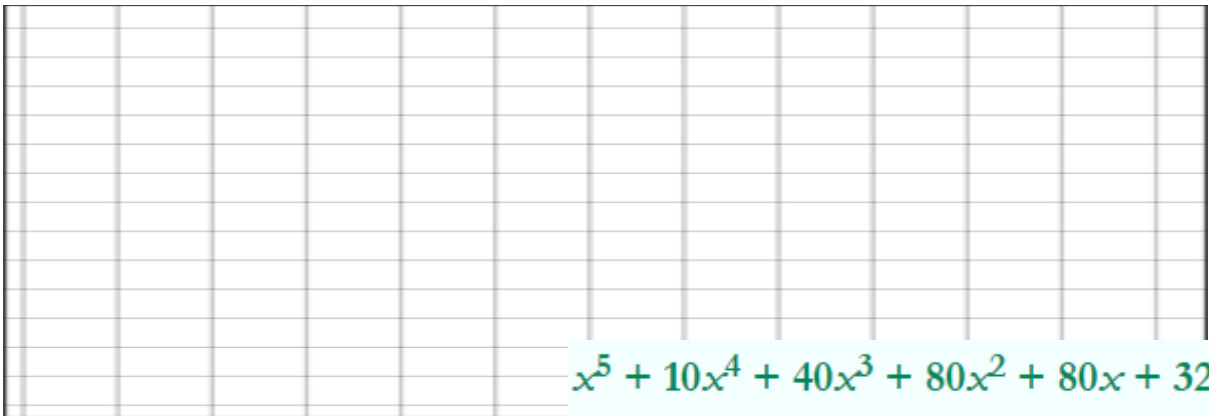
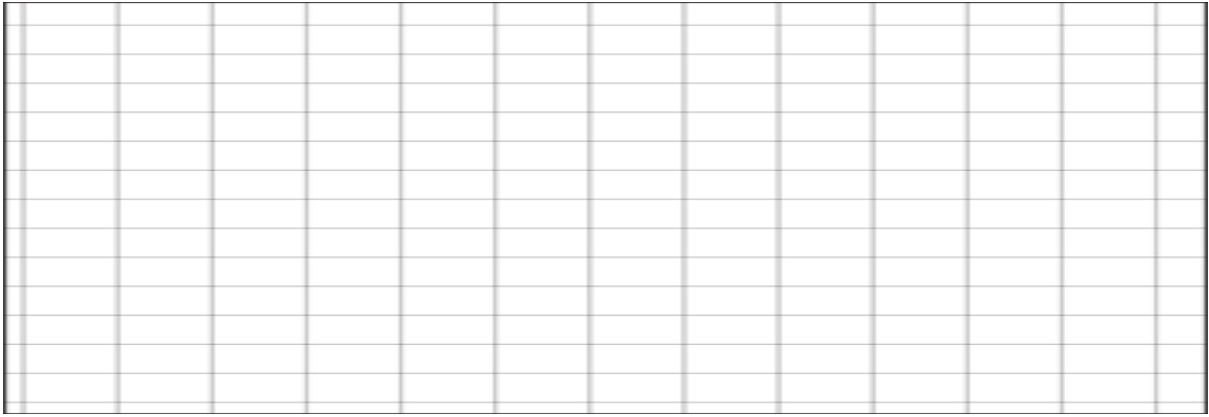
$$x^4 - 4x^3y + 6x^2y^2 - 4xy^3 + y^4$$

$$(x - 1)^5$$



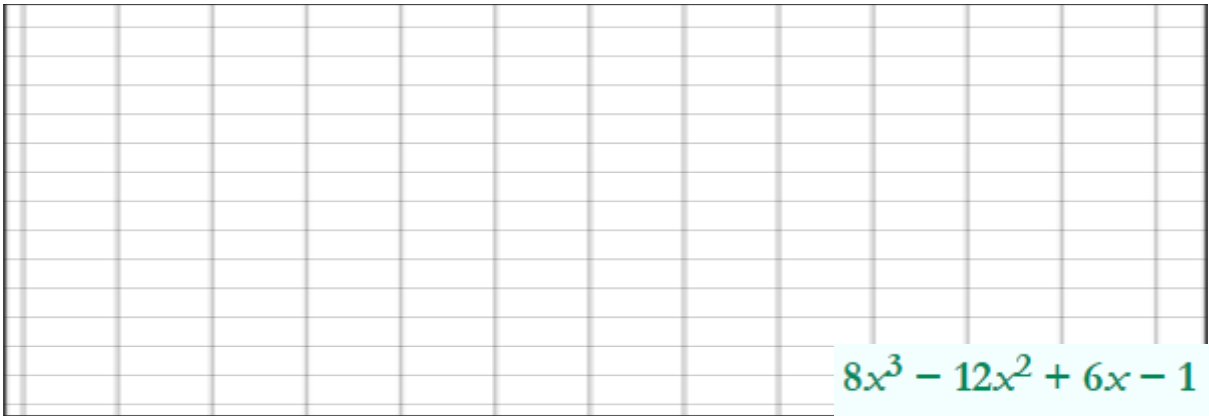
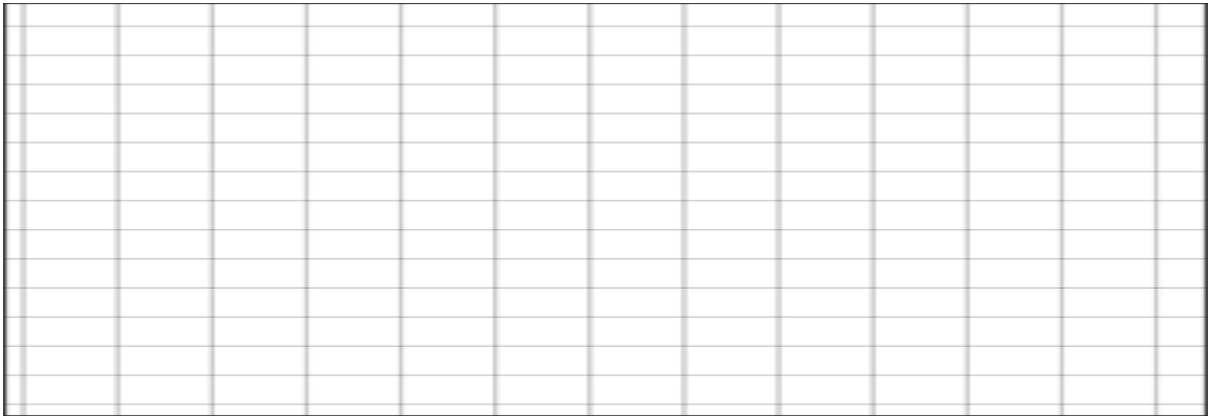
$$x^5 - 5x^4 + 10x^3 - 10x^2 + 5x - 1$$

$$(x + 2)^5$$



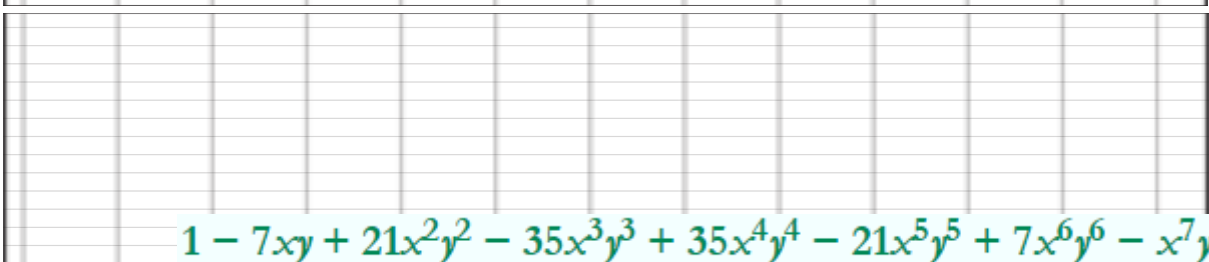
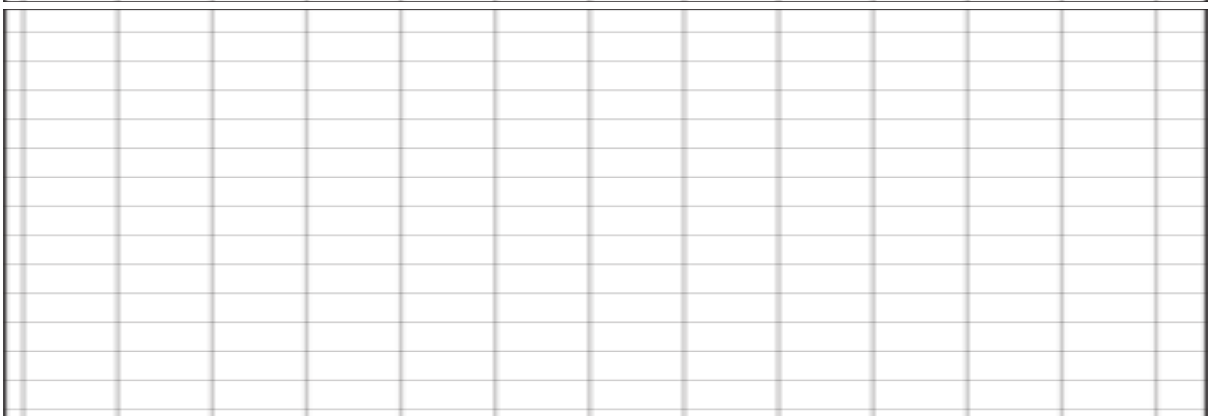
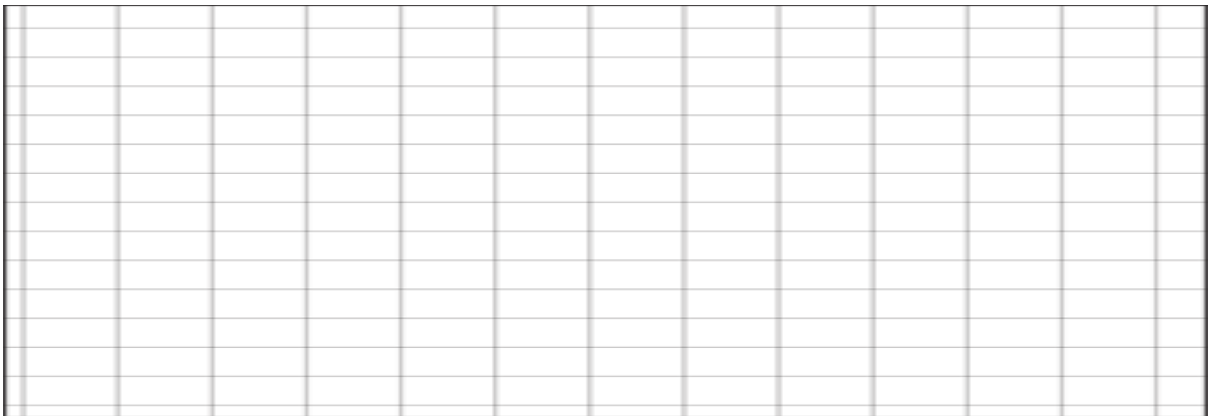
$$x^5 + 10x^4 + 40x^3 + 80x^2 + 80x + 32$$

$$(2x - 1)^3$$



$$8x^3 - 12x^2 + 6x - 1$$

$$(1 - xy)^7$$



$$1 - 7xy + 21x^2y^2 - 35x^3y^3 + 35x^4y^4 - 21x^5y^5 + 7x^6y^6 - x^7y^7$$