

Name:

Date:

Period:

Factor the following completely.

1.	$a^2b - ab^2$	2.	When $x^2 - 9$ and $x^2 - 5x + 6$ are factored, a common factor is:	3.	$2x^2y - 4xy^3$
4.	$2x^3 + 6x^2 - 10x$	5.	$9a^2 - 64$	6.	$3x^2 + 6x + 15$
7.	$x^2 - 4x - 12$	8.	$x^2 + 7xy + 12y^2$	9.	$16x^4y^2 - 49$
10.	$x^2 + 5x - 24$	11.	$x^2 - 9x - 52$	12.	$x^2 - 8x + 12$
13.	$x^2 - 3x - 28$	14.	$15p^2q + 10pq^2$	15.	$18y^3 - 12y^2 - 6y$
16.	$7x^2 + 9x - 10$	17.	$2x^2 - x - 3$	18.	$5x^2 - 20$
19.	$ab^4 - ax^4$	20.	$3x^2 + 12x + 12$	21.	$25x^2 - 100y^2$
22.	$2x^2 - 8x - 10$	23.	$6x^2 - 11x + 5$	24.	$ax^5 - a^5x^5$
25.	$x^3 - x^2 - 2x$	26.	$a^3 - a$	27.	$4x^2 + 12x + 9$
28.	$5x^2 - 25x + 30$	29.	$9x^3 - 9x$	30.	$x^3 - 8x^2 + 16x$