

Quiz 2B Review

Date _____ Period _____

Factor each completely.

1) $a^2 - a - 72$

2) $m^2 + 5m + 4$

3) $5x^2 - 5x - 150$

4) $x^3 + 9x^2 + 18x$

5) $2x^2 - 27x + 70$

6) $3n^2 + 26n + 16$

7) $3m^2 + 4m - 32$

8) $5n^2 - 19n + 18$

9) $p^2 - 36$

10) $n^2 - 64$

11) $m^2 - 1$

12) $49x^2 - 100$

13) $9v^2 - 49$

14) $25b^4 - 4$

Quiz 2B Review

Date _____ Period _____

Factor each completely.

1) $a^2 - a - 72$

$(a + 8)(a - 9)$

2) $m^2 + 5m + 4$

$(m + 1)(m + 4)$

3) $5x^2 - 5x - 150$

$5(x - 6)(x + 5)$

4) $x^3 + 9x^2 + 18x$

$x(x + 6)(x + 3)$

5) $2x^2 - 27x + 70$

$(2x - 7)(x - 10)$

6) $3n^2 + 26n + 16$

$(3n + 2)(n + 8)$

$$7) 3m^2 + 4m - 32$$
$$(3m - 8)(m + 4)$$

$$8) 5n^2 - 19n + 18$$
$$(5n - 9)(n - 2)$$

$$9) p^2 - 36$$
$$(p + 6)(p - 6)$$

$$10) n^2 - 64$$
$$(n + 8)(n - 8)$$

$$11) m^2 - 1$$
$$(m + 1)(m - 1)$$

$$12) 49x^2 - 100$$
$$(7x + 10)(7x - 10)$$

$$13) 9v^2 - 49$$
$$(3v + 7)(3v - 7)$$

$$14) 25b^4 - 4$$
$$(5b^2 + 2)(5b^2 - 2)$$