

Student Name: _____

Score: _____

Factorize Using Formula

$$a^2 - 2ab + b^2 = (a - b)^2$$

Problems

Work Space

$x^2 - 6xy + 9y^2$ Answer:	
$25m^2 - 10mn + n^2$ Answer:	
$121x^2 - 88x + 16$ Answer:	
$p^2 - 12pq + 36q^2$ Answer:	
$100 - 20z + z^2$ Answer:	

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Answers

$$x^2 - 6xy + 9y^2$$

Answer: $(x - 3y)^2$

$$25m^2 - 10mn + n^2$$

Answer: $(5m - n)^2$

$$121x^2 - 88x + 16$$

Answer: $(11x - 4)^2$

$$p^2 - 12pq + 36q^2$$

Answer: $(p - 6q)^2$

$$100 - 20z + z^2$$

Answer: $(10 - z)^2$