

Student Name: _____

Score: _____

Factorize by Grouping

Problems

Work Space

$$xy + y + xz + z$$

Answer:

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

Answer:

$$a^3 + a^2 + a + 1$$

Answer:

$$x^2 - 2x - 3x + 6$$

Answer:

$$10m^2 - 15mn + 4mn - 6n^2$$

Answer:

Student Name: _____

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Answers

$xy + y + xz + z$	
Answer: $(x + 1)(y + z)$	
$3xy - y^2 + 3x - y$	
Answer: $(y + 1)(3x - y)$	
$a^3 + a^2 + a + 1$	
Answer: $(a + 1)(a^2 + 1)$	
$x^2 - 2x - 3x + 6$	
Answer: $(x - 2)(x - 3)$	
$10m^2 - 15mn + 4mn - 6n^2$	
Answer: $(2m - 3n)(5m + 2n)$	