

Factorizing Expressions

Name: _____ Score: _____

Factorize the following expressions.

$3x + 18$

$6 + 16y$

$15q - 15$

$10 + 10n$

$12 + 8y$

$64h + 48$

$15 - 10r$

$2y + 8$

$9x + 12$

$8q + 12$

$9 - 12g$

$6 - 12y$

$6n + 4$

$12t + 16$

$4c - 16$

$12 + 15n$

$20u - 5$

$10 + 25r$

$8 - 12t$

$10h + 12$

$8e - 10$

Answers

Factorize the following expressions.

$3x + 18$

$3(x + 6)$

$6 + 16y$

$2(3 + 8y)$

$15q - 15$

$3(5q - 5)$

$10 + 10n$

$5(2 + 2n)$

$12 + 8y$

$4(3 + 2y)$

$64h + 48$

$8(8h + 6)$

$15 - 10r$

$5(3 - 2r)$

$2y + 8$

$2(y + 4)$

$9x + 12$

$3(3x + 4)$

$8q + 12$

$4(2q + 3)$

$9 - 12g$

$3(3 - 4g)$

$6 - 12y$

$3(2 - 4y)$

$6n + 4$

$2(3n + 2)$

$12t + 16$

$4(3t + 4)$

$4c - 16$

$4(c - 4)$

$12 + 15n$

$3(4 + 5n)$

$20u - 5$

$5(4u - 1)$

$10 + 25r$

$5(2 + 5r)$

$8 - 12t$

$2(4 - 6t)$

$10h + 12$

$2(5h + 6)$

$8e - 10$

$2(4e - 5)$