

# Factorizing Expressions

Name: \_\_\_\_\_ Score: \_\_\_\_\_

Factorize the following expressions.

$4y + 32$

$15 + 27x$

$32v - 32$

$6 + 12f$

$10 + 15y$

$81g + 72$

$12 - 16h$

$3y + 9$

$8x + 8$

$10p + 20$

$9 - 12g$

$6 - 12y$

$15v + 10$

$6p + 8$

$8z - 32$

$8 + 10w$

$12u - 63$

$18 + 45r$

$36 - 54s$

$25t + 30$

$24d - 30$

# Answers

Factorize the following expressions.

$4y + 32$

$4(y + 8)$

$15 + 27x$

$3(5 + 9x)$

$32v - 32$

$4(8v + 8)$

$6 + 12f$

$6(1 + 2f)$

$10 + 15y$

$5(2 + 3y)$

$81g + 72$

$9(9g + 8)$

$12 - 16h$

$4(3 - 4h)$

$3y + 9$

$3(y + 3)$

$8x + 8$

$2(4x + 4)$

$10p + 20$

$5(2p + 4)$

$9 - 12g$

$3(3 - 4g)$

$6 - 12y$

$3(2 - 4y)$

$15v + 10$

$5(3v + 2)$

$6p + 8$

$2(3p + 4)$

$8z - 32$

$8(z - 4)$

$8 + 10w$

$2(4 + 5w)$

$12u - 63$

$3(4u - 21)$

$18 + 45r$

$9(2 + 5r)$

$36 - 54s$

$9(4 - 6s)$

$25t + 30$

$5(5t + 6)$

$24d - 30$

$6(4d - 5)$