

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

# Factoring Linear Expressions

Take the common factor out of each expression.

(1)  $-2n - 24$

\_\_\_\_\_

(2)  $-8q + 8$

\_\_\_\_\_

(3)  $45x - 25$

\_\_\_\_\_

(4)  $12 + 6l$

\_\_\_\_\_

(5)  $-45x + 9$

\_\_\_\_\_

(6)  $-25 - 5x$

\_\_\_\_\_

(7)  $-45x + 10$

\_\_\_\_\_

(8)  $2 - 10s$

\_\_\_\_\_

(9)  $20x - 10$

\_\_\_\_\_

(10)  $-42k - 54$

\_\_\_\_\_

(11)  $11p - 22$

\_\_\_\_\_

(12)  $30x + 6$

\_\_\_\_\_

(13)  $-7 - 63q$

\_\_\_\_\_

(14)  $20p + 45$

\_\_\_\_\_

(15)  $-3x - 12$

\_\_\_\_\_

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# Factoring Linear Expressions

## Answers

(1)  $-2n - 24$

$-2(n + 12)$

(2)  $-8q + 8$

$8(-q + 1)$

(3)  $45x - 25$

$5(9x - 5)$

(4)  $12 + 6l$

$6(2 + l)$

(5)  $-45x + 9$

$-9(5x - 1)$

(6)  $-25 - 5x$

$-5(5 + x)$

(7)  $-45x + 10$

$5(-9x + 2)$

(8)  $2 - 10s$

$2(1 - 5s)$

(9)  $20x - 10$

$10(2x - 1)$

(10)  $-42k - 54$

$-6(7k + 9)$

(11)  $11p - 22$

$11(p - 2)$

(12)  $30x + 6$

$6(5x + 1)$

(13)  $-7 - 63q$

$-7(1 + 9q)$

(14)  $20p + 45$

$5(4p + 9)$

(15)  $-3x - 12$

$-3(x + 4)$