

Name: _____

Date: _____ Score: _____

Factoring Linear Expressions

Factor each expression completely.

1 $4x + 2$

2 $42 + 35q$

3 $11p + 44$

4 $81x - 36$

5 $7q - 56$

6 $6a - 12$

7 $3b - 27$

8 $5x - 15$

9 $2y + 30$

10 $6x - 36$

11 $9c - 27$

12 $8 - 24b$

13 $16 - 4d$

14 $7e - 21$

15 $10c - 90$

Name:

Date: Score:

Factoring Linear Expressions

Answers

1 $4x + 2$

$2(2x + 1)$

2 $42 + 35q$

$7(6 + 5q)$

3 $11p + 44$

$11(p + 4)$

4 $81x - 36$

$9(9x - 4)$

5 $7q - 56$

$7(q - 8)$

6 $6a - 12$

$6(a - 2)$

7 $3b - 27$

$3(b - 9)$

8 $5x - 15$

$5(x - 3)$

9 $2y + 30$

$2(y + 15)$

10 $6x - 36$

$6(x - 6)$

11 $9c - 27$

$9(c - 3)$

12 $8 - 24b$

$8(1 - 3b)$

13 $16 - 4d$

$4(4 - d)$

14 $7e - 21$

$7(e - 3)$

15 $10c - 90$

$10(c - 9)$