

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

## Factoring Linear Expressions

Sheet 1

Factorize each linear expression.

1)  $6x + 9$

2)  $-20y - 5z$

3)  $15 - 3a$

4)  $2m + 2$

5)  $39u - 52v + 13$

6)  $10z - 60$

7)  $44p + 11q$

8)  $42 + 35w$

9)  $81n - 36$

10)  $40b - 80c - 40d$

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## Answer key

### Factoring Linear Expressions

Sheet 1

Factorize each linear expression.

1)  $6x + 9$

**$3(2x + 3)$**

2)  $-20y - 5z$

**$-5(4y + z)$**

3)  $15 - 3a$

**$3(5 - a)$**

4)  $2m + 2$

**$2(m + 1)$**

5)  $39u - 52v + 13$

**$13(3u - 4v + 1)$**

6)  $10z - 60$

**$10(z - 6)$**

7)  $44p + 11q$

**$11(4p + q)$**

8)  $42 + 35w$

**$7(6 + 5w)$**

9)  $81n - 36$

**$9(9n - 4)$**

10)  $40b - 80c - 40d$

**$40(b - 2c - d)$**