Practice worksheet | Algebra

Common-factor factorisation

Name: _____ Date: _____

6 questions | 14 marks

1. Factorise $8x + 24$. [2 marks]

2. Factorise $14a^2 + 21a$. [2 marks]

3. Factorise $18xy - 12x$. [2 marks]

4. Factorise $-10m^2 + 15m$. [2 marks]

5. A garden contains $4x$ rows with $3y + 2$ plants in each row. Its expanded plant count is $12xy + 8x$. Factorise this count and identify the common factor. [3 marks]

6. Sam writes $x^3 + x^2 = x^2(x)$. Correct the answer and explain the missing term. [3 marks]