Structure in Expressions - Worksheet 2

Factor completely using GCF techniques:

1. $3xy - 18y$.

2. $3x^2y^3 + xy^2 - xy$.

3. $4x^2 + 8xy - 5xy - 10y^2$.

4. $x^4y - x^3y^2 + x^2y^3 - xy^4$.

5. $5x^2 + 22x + 21$.

Factor the following quadratics:

6. $y^2 - y - 6$.

7. $f^2 - 3f - 40$.

8. $3w^2 - 5w - 2$.

9. $g^2 + \frac{8}{3}g + \frac{16}{9}$.

10. $t^2 - \frac{2}{3}t + \frac{1}{9}$.