

WS 7.5A Factor GCF and Grouping

Factor the common factor out of each expression.

1) $-7x^4 + 7x^3$

2) $10p^5 - 30p^2$

3) $12p^6 + 20p^5 - 20p^4$

4) $6v^4 + 16v^3 - 10$

5) $50x^4y + 20x^2y^2 + 15xy$

Factor each completely.

6) $15v^3 - 12v^2 + 40v - 32$

7) $4v^3 - 20v^2 - 5v + 25$

8) $15v^3 - 40v^2 - 21v + 56$

9) $32v^3 + 96v^2 + 20v + 60$

10) $125x^3 + 200x^2 + 50x + 80$