

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 13B.2 - More Factoring Completely

#1-10, Factor each polynomial completely until only prime factors remain.

1. $3k^2 - 147$

2. $6x^3 - 24xy^2$

3. $6d^2 + 12d + 6$

4. $-4m^2x^2 - 4m^2x + 24m^2$

5. $75n^3 - 30n^2 + 3n$

6. $8x^4y + 4x^3y - 12x^2y$

7. $18j^5k^3 - 15j^4k^4 - 18j^3k^5$

8. $-12p^7q^2 - 60p^6q^3 - 75p^5q^4$

9. $2c^7 - 32c$

10. $18t^6 - 170t^4 + 72t^2$