

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 13B.3 – Even More Factoring Completely

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

1. $6a^2 - 6$

2. $27p^3 - 108pq^2$

3. $3z^2 - 6z - 24$

4. $12r^2 - 45r - 12$

5. $-6y^2 + 36y + 96$

6. $27m^3 + 36m^2 + 12m$

7. $45j^4k^2 + 45j^3k^2 - 20j^2k^2$

8. $18a^5b^3 - 60a^4b^4 + 50a^3b^5$

9. $2m^5 - 68m^3 + 450m$

10. $3r^9 - 27r$