Factoring Special Cases

Factor each polynomial completely.

1. x3 − 27
2. 25x2 – 16
3. -64 + x3
4. 32x3 – 4
5. 64x3 + 343
6. 18x3 – 72x
7. 512 + 729x3
8. 125x4 + 8x
9. 3x2 – 147
10. 648x3 + 81
11. 4x5 – 81x3
12. 5x6 − 135x3