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| **Homework 16 Review** | **Unit 1** |
| 1. Factor: 125x3 - 216 | 1. Factor: *v*4−*v*2 |
| 1. Factor: 25*x*2 + 484 | 1. Factor: *x*2 - 64 |
| 1. Factor: x2 – 9x + 14 | 1. Factor: x2 – 7x + 6 |
| 1. Factor: x2 – 12x + 32 | 1. Factor: x2 + 9x + 20 |
| 1. Factor: x2 + 11x + 30 | 1. Factor: x2 – x – 90 |
| 1. Factor: x2 + 7x + 6 | 1. Factor: x2 – 6x – 40 |
| 1. Factor: 2x2 + x – 1 | 1. Factor: 20x2 + 68x – 160 |
| 1. Factor: 28x3 + 156x2 + 80x | 1. Factor: 3x2 – 7x – 10 |
| 1. Factor: 3x2 – 11x – 42 | 1. Factor: 10x2 – 115x + 315 |
| 1. Solve by taking square root: | 1. Solve by taking square root: |
| 1. Solve by completing the square: | 1. Solve by completing the square: |
| 1. Solve by the quadratic formula: | 1. Solve by the quadratic formula: |
| 1. Solve by factoring: | 1. Solve by factoring: |
| 1. Solve: | 1. Solve: |