

Algebra II Homework #21

- 1) Solve: $6^x = 3$
- 2) Solve: $\sqrt{x} - \sqrt{x-21} = 3$
- 3) Simplify: $\log_8 64$
- 4) Solve: $216^{4x-3} = 36^{7x+4}$
- 5) Solve: $\log(4x) + \log(3x+10) = \log(8x-5)$
- 6) Find: $\sin 137^\circ$
- 7) Find: $\cos 62^\circ$
- 8) Find: $\tan 198^\circ$
- 9) Find: $\sin 295^\circ$
- 10) Find: $\cos 156^\circ$
- 11) Find: $\tan 341^\circ$
- 12) Find: $\sin 79^\circ$
- 13) Find: $\cos 214^\circ$
- 14) Find: $\tan 42^\circ$
- 15) Find: $\sin 257^\circ$
- 16) Find: $\cos 301^\circ$
- 17) Find: $\tan 113^\circ$
- 18) Find: $\sin 162^\circ$
- 19) Find: $\cos 17^\circ$
- 20) Find: $\tan 238^\circ$

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