1.4 Even homework Answers

6) $\frac{1}{18}$ 12) -100

18) $cotθ=\frac{1}{tanθ}$;cot$θtanθ=1$

24) sin and csc are positive all others are negative

30) all are positive 36) III

42) II, IV 48) possible

54) possible 60) cos and sec are reciprocal; one cannot be positive and the other negative

66) $\sqrt{3} $

72) $\frac{-\sqrt{3}}{2};\frac{-1}{2};\sqrt{3};\frac{\sqrt{3}}{3};-2;\frac{-2\sqrt{3}}{3}$

78) $\frac{-1}{3}, \frac{2\sqrt{2}}{3}, \frac{-\sqrt{2}}{4}$, $-2\sqrt{2}$, $\frac{3\sqrt{2}}{4}$, -3

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