Goniometrie – cvičení 6:

1) $2\sin^2 x = 1 - \sin x$

2) $4\sin\left(2x - \dfrac{\pi}{6}\right) = -2$

3) $\cot g\left(\dfrac{\pi}{6} - 2x\right) = \dfrac{\sqrt{3}}{3}$

4) $\cot g^2 x = \sqrt{3}\,\cot gx$

5) $\dfrac{1}{tgx} - 3tgx = 0$

6) $2\sin(2x + \pi) + \sqrt{3} = 0$

7) $\dfrac{tg\left(-x + \dfrac{\pi}{6}\right)}{\sqrt{3}} = 1$

8) $\sin^2 3x - \sin 3x = 0$