

**Die allgemeine Sinusfunktion – Funktionsterm (Lösung)**

1.  $f_1(x) = 2,5 \sin x$

$f_2(x) = -0,5 \sin x$

2.  $f_1(x) = \sin x - 1,5$

$f_2(x) = \sin x + 0,5$

3.  $f_1(x) = \sin 2x$

$f_2(x) = \sin \frac{1}{3}x$

4.  $f_1(x) = \sin(x - 1)$

$f_2(x) = \sin(x + \frac{\pi}{2})$

5.  $f_1(x) = 1,5 \sin x - 1$

$f_2(x) = -0,5 \sin x + 2$

6.  $f_1(x) = \sin(2(x + 0,5))$

$f_2(x) = \sin(0,5(x - \frac{\pi}{2}))$

7.  $f_1(x) = 2 \sin(0,5(x + \pi))$

$f_2(x) = \sin(2(x - 1)) - 0,5$

8.  $f_1(x) = 1,5 \sin(3x) - 1$

$f_2(x) = -0,5 \sin(0,5(x + 1))$