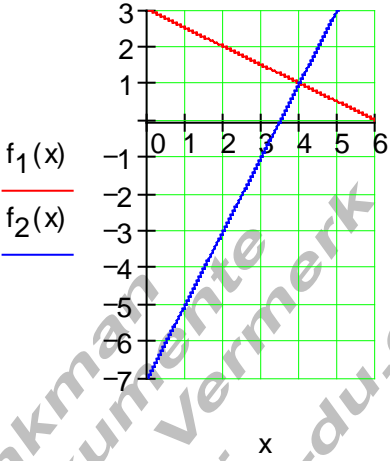
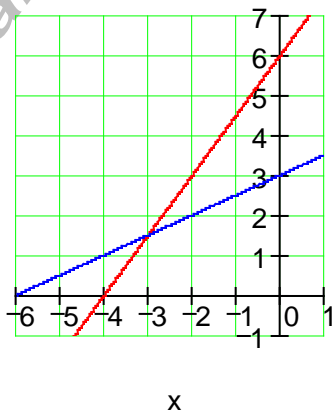
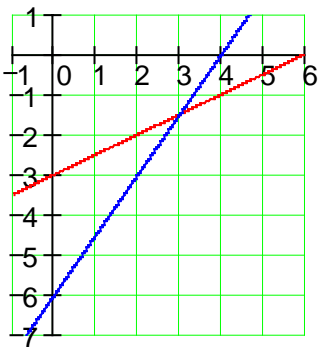


Lösungen lineare Funktionen Teil XII

Ergebnisse:

E1	Ergebnisse	
	a) $f_1(x) = -\frac{1}{2}x + 3$ $P_2(2 -3)$ $D = \{x 0 \leq x \leq 6\}_{\mathbb{R}}$ $\Rightarrow m_2 = 2$	e) 
	b) $f_2(x) = 2x - 7$	
	c) $S(4 1)$	
	d) $P_{y_1}(0 3); P_{y_2}(0 -7)$ $P_{x_1}(6 0); P_{x_2}\left(\frac{7}{2} 0\right)$	
E2	Ergebnis	
	a) $f_1(x) = \frac{3}{2}x + 6; P_{x_2}(-6 0)$ $S\left(x_s \mid \frac{3}{2}\right); D = \{x -6 \leq x \leq 1\}_{\mathbb{R}}$ $S\left(-3 \mid \frac{3}{2}\right); m_2 = \frac{1}{2}$ $f_2(x) = \frac{1}{2}x + 3$ $P_{y_1}(0 6); P_{y_2}(0 3)$ $P_{x_1}(-4 0); P_{x_2}(-6 0)$	
E2	Ergebnis	
	b) $f_1(x) = \frac{1}{2}x - 3; P_{x_2}(4 0)$ $S(3 y_s); D = \{x -1 \leq x \leq 6\}_{\mathbb{R}}$ $S\left(3 \mid -\frac{3}{2}\right); m_2 = \frac{3}{2}$ $f_2(x) = \frac{3}{2}x - 6$ $P_{y_1}(0 -3); P_{y_2}(0 -6)$ $P_{x_1}(6 0); P_{x_2}(4 0)$	

E3 Ergebnisse		f)
a)	$P_1(-5 5); P_2(-1 -1)$ $S(x_s 2); D = \{x -6 \leq x \leq 0\}_{\mathbb{R}}$ $\Rightarrow m_1 = -\frac{3}{2}$	
b)	$f_1(x) = -\frac{3}{2}x - \frac{5}{2}$	
c)	$S(-3 2)$	
d)	$m_2 = -\frac{1}{m_1} = \frac{2}{3}$	
e)	$f_2(x) = \frac{2}{3}x + 4$	

E4 Ergebnisse		f)
a)	$P_1(5 5); P_2(1 -1)$ $S(3 y_s); D = \{x 0 \leq x \leq 6\}_{\mathbb{R}}$ $\Rightarrow m_1 = \frac{3}{2}$	
b)	$f_1(x) = \frac{3}{2}x - \frac{5}{2}$	
c)	$S(3 2)$	
d)	$m_2 = -\frac{1}{m_1} = -\frac{2}{3}$	
e)	$f_2(x) = -\frac{2}{3}x + 4$	

E5 Ergebnisse		c)
a)	$f_2(x) = 3x - 3; S\left(\frac{3}{2} \mid \frac{3}{2}\right)$ $D = \{x 0 \leq x \leq 6\}_{\mathbb{R}}$ $m_1 = -\frac{1}{m_2} = -\frac{1}{3}$ $f_1(x) = -\frac{1}{3}x + 2$	
b)	$P_{y_1}(0 2); P_{y_2}(0 -3)$ $P_{x_1}(6 0); P_{x_2}(1 0)$	