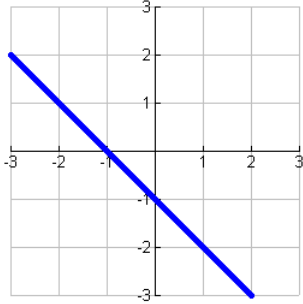
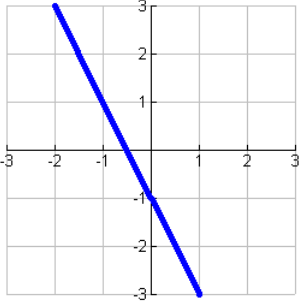


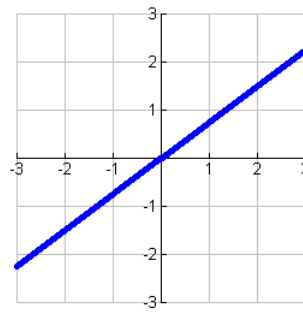
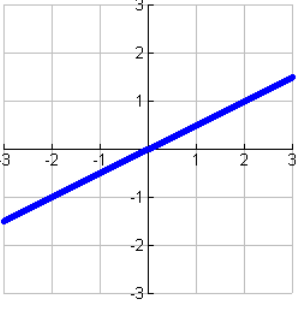
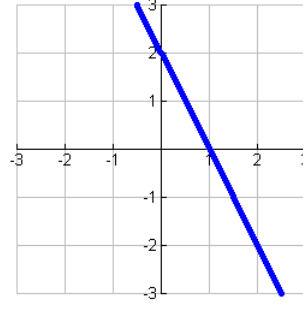
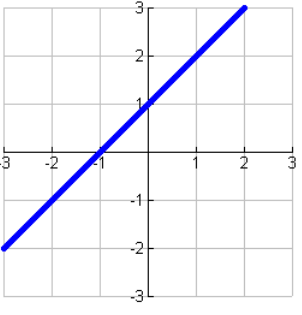
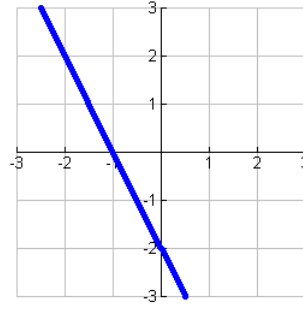
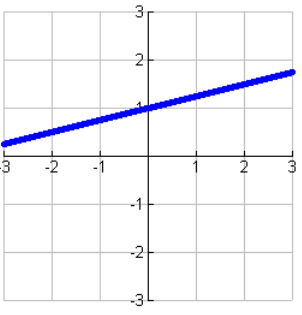
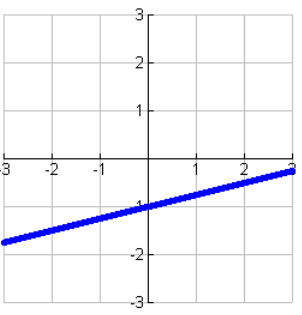
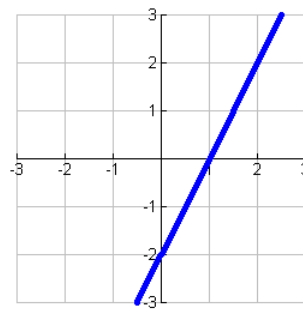
Legequartett Lineare Funktionen

Graph	Gleichung	Tabelle	Eigenschaft	Graph	Gleichung	Tabelle	Eigenschaft																
							$\frac{f(x_2)-f(x_1)}{x_2-x_1} = \frac{3}{4}$																
D							A																
	$f(x) = \frac{1}{2}x$					<table border="1"> <thead> <tr> <th>x</th> <th>f(x)</th> </tr> </thead> <tbody> <tr><td>-3</td><td>8</td></tr> <tr><td>-2</td><td>6</td></tr> <tr><td>-1</td><td>4</td></tr> <tr><td>0</td><td>2</td></tr> <tr><td>1</td><td>0</td></tr> <tr><td>2</td><td>-2</td></tr> <tr><td>3</td><td>-4</td></tr> </tbody> </table>	x	f(x)	-3	8	-2	6	-1	4	0	2	1	0	2	-2	3	-4	
x	f(x)																						
-3	8																						
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x	f(x)																						
-3	-2																						
-2	-1																						
-1	0																						
0	1																						
1	2																						
2	3																						
3	4																						
							R																
			25% jeder Zahl wird um 1 vermehrt																				
							T																
	$f(x) = \frac{1}{4}x - 1$					<table border="1"> <thead> <tr> <th>x</th> <th>f(x)</th> </tr> </thead> <tbody> <tr><td>-3</td><td>-8</td></tr> <tr><td>-2</td><td>-6</td></tr> <tr><td>-1</td><td>-4</td></tr> <tr><td>0</td><td>-2</td></tr> <tr><td>1</td><td>0</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>4</td></tr> </tbody> </table>	x	f(x)	-3	-8	-2	-6	-1	-4	0	-2	1	0	2	2	3	4	
x	f(x)																						
-3	-8																						
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							I																

Ergänze zeilenweise die fehlenden Darstellungen!

Erkennst du den Lösungssatz?

Legequartett Lineare Funktionen

Graph	Gleichung	Tabelle	Eigenschaft	Graph	Gleichung	Tabelle	Eigenschaft																																
	$f(x) = -x - 1$	<table border="1"> <thead> <tr><th>x</th><th>f(x)</th></tr> </thead> <tbody> <tr><td>-3</td><td>2</td></tr> <tr><td>-2</td><td>1</td></tr> <tr><td>-1</td><td>0</td></tr> <tr><td>0</td><td>-1</td></tr> <tr><td>1</td><td>-2</td></tr> <tr><td>2</td><td>-3</td></tr> <tr><td>3</td><td>-4</td></tr> </tbody> </table>	x	f(x)	-3	2	-2	1	-1	0	0	-1	1	-2	2	-3	3	-4	$k = d = -1$		$f(x) = \frac{3}{4}x$	<table border="1"> <thead> <tr><th>x</th><th>f(x)</th></tr> </thead> <tbody> <tr><td>-3</td><td>-2,25</td></tr> <tr><td>-2</td><td>-1,5</td></tr> <tr><td>-1</td><td>-0,75</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>0,75</td></tr> <tr><td>2</td><td>1,5</td></tr> <tr><td>3</td><td>2,25</td></tr> </tbody> </table>	x	f(x)	-3	-2,25	-2	-1,5	-1	-0,75	0	0	1	0,75	2	1,5	3	2,25	
x	f(x)																																						
-3	2																																						
-2	1																																						
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x	f(x)																																						
-3	-1,5																																						
-2	-1																																						
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1	0,5																																						
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3	1,5																																						
N		I	N	K	U		D																																
	$f(x) = x + 1$		Du hast schon 1 € und wettest jeweils um 1 €. Wie viele € hast du nach x Gewinnen?			<table border="1"> <thead> <tr><th>x</th><th>f(x)</th></tr> </thead> <tbody> <tr><td>-3</td><td>4</td></tr> <tr><td>-2</td><td>2</td></tr> <tr><td>-1</td><td>0</td></tr> <tr><td>0</td><td>-2</td></tr> <tr><td>1</td><td>-4</td></tr> <tr><td>2</td><td>-6</td></tr> <tr><td>3</td><td>-8</td></tr> </tbody> </table>	x	f(x)	-3	4	-2	2	-1	0	0	-2	1	-4	2	-6	3	-8	$k = d = -2$																
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	$f(x) = \frac{1}{4}x + 1$	<table border="1"> <thead> <tr><th>x</th><th>f(x)</th></tr> </thead> <tbody> <tr><td>-3</td><td>0,25</td></tr> <tr><td>-2</td><td>0,5</td></tr> <tr><td>-1</td><td>0,75</td></tr> <tr><td>0</td><td>1</td></tr> <tr><td>1</td><td>1,25</td></tr> <tr><td>2</td><td>1,5</td></tr> <tr><td>3</td><td>1,75</td></tr> </tbody> </table>	x	f(x)	-3	0,25	-2	0,5	-1	0,75	0	1	1	1,25	2	1,5	3	1,75			$f(x) = -2x - 1$	<table border="1"> <thead> <tr><th>x</th><th>f(x)</th></tr> </thead> <tbody> <tr><td>-3</td><td>5</td></tr> <tr><td>-2</td><td>3</td></tr> <tr><td>-1</td><td>1</td></tr> <tr><td>0</td><td>-1</td></tr> <tr><td>1</td><td>-3</td></tr> <tr><td>2</td><td>-5</td></tr> <tr><td>3</td><td>-7</td></tr> </tbody> </table>	x	f(x)	-3	5	-2	3	-1	1	0	-1	1	-3	2	-5	3	-7	$f(x+1) - f(x) = -2$ $f(0) = -1$
x	f(x)																																						
-3	0,25																																						
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x	f(x)																																						
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