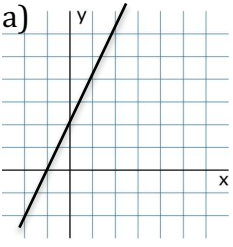
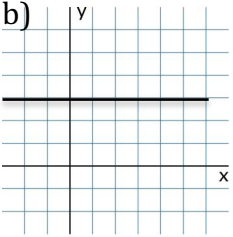
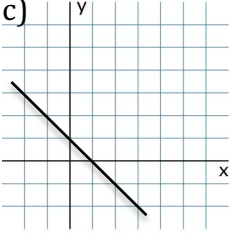
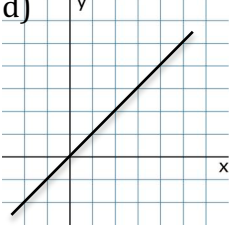
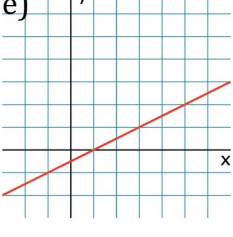
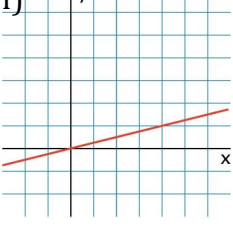


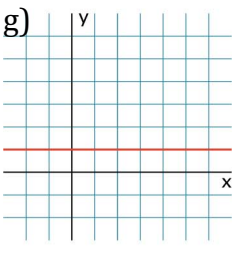
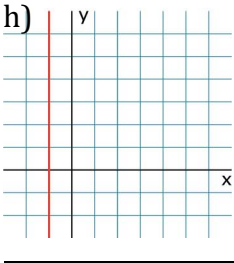
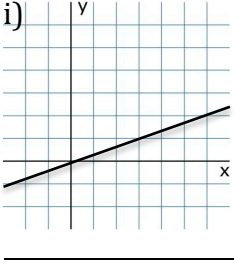
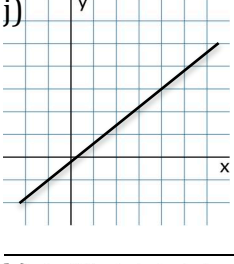
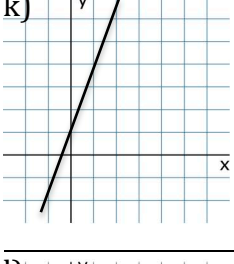
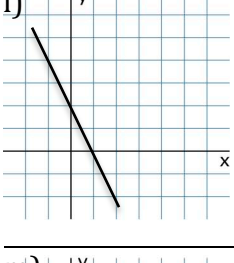
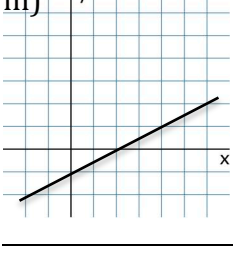
2. Bez

Steigung

Lösungen AB 3

1. Vervollständige.

Graph	Wertetabelle	Steigung	Gleichung														
a) 	<table border="1" data-bbox="419 365 917 450"> <tr> <td>x</td> <td>-2</td> <td>-1</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>y</td> <td>-2</td> <td>0</td> <td>2</td> <td>4</td> <td>6</td> <td>8</td> </tr> </table>	x	-2	-1	0	1	2	3	y	-2	0	2	4	6	8	2	$y = 2x + 2$
x	-2	-1	0	1	2	3											
y	-2	0	2	4	6	8											
b) 	<table border="1" data-bbox="419 633 917 719"> <tr> <td>x</td> <td>-2</td> <td>-1</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>y</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> </table>	x	-2	-1	0	1	2	3	y	3	3	3	3	3	3	0	$y = 3$
x	-2	-1	0	1	2	3											
y	3	3	3	3	3	3											
c) 	<table border="1" data-bbox="419 902 917 987"> <tr> <td>x</td> <td>-2</td> <td>-1</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>y</td> <td>3</td> <td>2</td> <td>1</td> <td>0</td> <td>-1</td> <td>-2</td> </tr> </table>	x	-2	-1	0	1	2	3	y	3	2	1	0	-1	-2	-1	$y = -x + 1$
x	-2	-1	0	1	2	3											
y	3	2	1	0	-1	-2											
d) 	<table border="1" data-bbox="419 1171 917 1256"> <tr> <td>x</td> <td>-2</td> <td>-1</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>y</td> <td>-2</td> <td>-1</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> </tr> </table>	x	-2	-1	0	1	2	3	y	-2	-1	0	1	2	3	1	$y = x$
x	-2	-1	0	1	2	3											
y	-2	-1	0	1	2	3											
e) 	<table border="1" data-bbox="419 1440 917 1525"> <tr> <td>x</td> <td>-2</td> <td>-1</td> <td>0</td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>y</td> <td>-1,5</td> <td>-1</td> <td>-0,5</td> <td>0</td> <td>0,5</td> <td>1</td> </tr> </table>	x	-2	-1	0	1	2	3	y	-1,5	-1	-0,5	0	0,5	1	0,5	$y = 0,5x - 0,5$
x	-2	-1	0	1	2	3											
y	-1,5	-1	-0,5	0	0,5	1											
f) 	<table border="1" data-bbox="419 1709 917 1794"> <tr> <td>x</td> <td>-2</td> <td>-1</td> <td>0</td> <td>1</td> <td>2</td> </tr> <tr> <td>y</td> <td>-0,5</td> <td>-0,25</td> <td>0</td> <td>0,25</td> <td>0,5</td> </tr> </table>	x	-2	-1	0	1	2	y	-0,5	-0,25	0	0,25	0,5	0,25	$y = 0,25x$		
x	-2	-1	0	1	2												
y	-0,5	-0,25	0	0,25	0,5												

g) 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">x</td> <td style="padding: 2px;">-2</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">2</td> <td style="padding: 2px;">3</td> </tr> <tr> <td style="padding: 2px;">y</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">1</td> </tr> </table>	x	-2	-1	0	1	2	3	y	1	1	1	1	1	1	0	$y = 1$
x	-2	-1	0	1	2	3											
y	1	1	1	1	1	1											
h) 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">x</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">-1</td> </tr> <tr> <td style="padding: 2px;">y</td> <td style="padding: 2px;">-2</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">2</td> <td style="padding: 2px;">3</td> </tr> </table>	x	-1	-1	-1	-1	-1	-1	y	-2	-1	0	1	2	3	unendlich	$x = -1$
x	-1	-1	-1	-1	-1	-1											
y	-2	-1	0	1	2	3											
i) 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">x</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">2</td> <td style="padding: 2px;">3</td> </tr> <tr> <td style="padding: 2px;">y</td> <td style="padding: 2px;">-1/3</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">1/3</td> <td style="padding: 2px;">2/3</td> <td style="padding: 2px;">1</td> </tr> </table>	x	-1	0	1	2	3	y	-1/3	0	1/3	2/3	1	$\frac{1}{3}$	$y = \frac{1}{3}x$		
x	-1	0	1	2	3												
y	-1/3	0	1/3	2/3	1												
j) 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">x</td> <td style="padding: 2px;">-2</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">2</td> <td style="padding: 2px;">3</td> </tr> <tr> <td style="padding: 2px;">y</td> <td style="padding: 2px;">-1,6</td> <td style="padding: 2px;">-0,8</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">0,8</td> <td style="padding: 2px;">1,6</td> <td style="padding: 2px;">2,4</td> </tr> </table>	x	-2	-1	0	1	2	3	y	-1,6	-0,8	0	0,8	1,6	2,4	0,8	$y = 0,8x$
x	-2	-1	0	1	2	3											
y	-1,6	-0,8	0	0,8	1,6	2,4											
k) 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">x</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">2</td> <td style="padding: 2px;">3</td> </tr> <tr> <td style="padding: 2px;">y</td> <td style="padding: 2px;">-1,5</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">3,5</td> <td style="padding: 2px;">6</td> <td style="padding: 2px;">8,5</td> </tr> </table>	x	-1	0	1	2	3	y	-1,5	1	3,5	6	8,5	2,5	$y = 2,5x + 1$		
x	-1	0	1	2	3												
y	-1,5	1	3,5	6	8,5												
l) 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">x</td> <td style="padding: 2px;">-2</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">2</td> <td style="padding: 2px;">3</td> </tr> <tr> <td style="padding: 2px;">y</td> <td style="padding: 2px;">6</td> <td style="padding: 2px;">4</td> <td style="padding: 2px;">2</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">-2</td> <td style="padding: 2px;">-4</td> </tr> </table>	x	-2	-1	0	1	2	3	y	6	4	2	0	-2	-4	-2	$y = -2x + 2$
x	-2	-1	0	1	2	3											
y	6	4	2	0	-2	-4											
m) 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">x</td> <td style="padding: 2px;">-2</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">1</td> <td style="padding: 2px;">2</td> <td style="padding: 2px;">3</td> </tr> <tr> <td style="padding: 2px;">y</td> <td style="padding: 2px;">-2</td> <td style="padding: 2px;">-1,5</td> <td style="padding: 2px;">-1</td> <td style="padding: 2px;">-0,5</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">0,5</td> </tr> </table>	x	-2	-1	0	1	2	3	y	-2	-1,5	-1	-0,5	0	0,5	0,5	$y = 0,5x - 1$
x	-2	-1	0	1	2	3											
y	-2	-1,5	-1	-0,5	0	0,5											