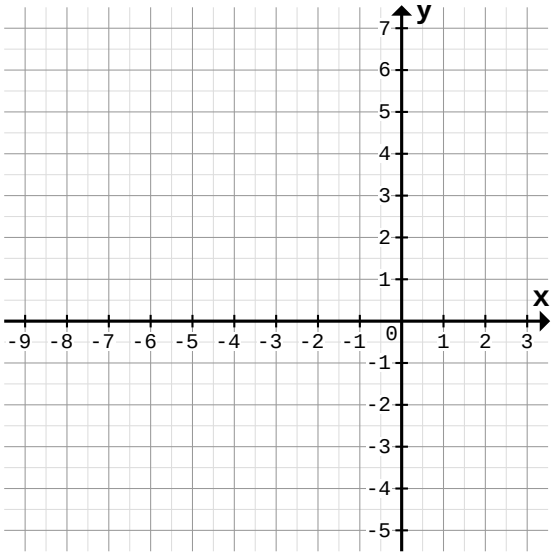
Lineare Funktionen Variante **2** Klasse: ____ Datum: _____

Graph aus Wertetabelle (Bruch) Blatt **30** Name: _____

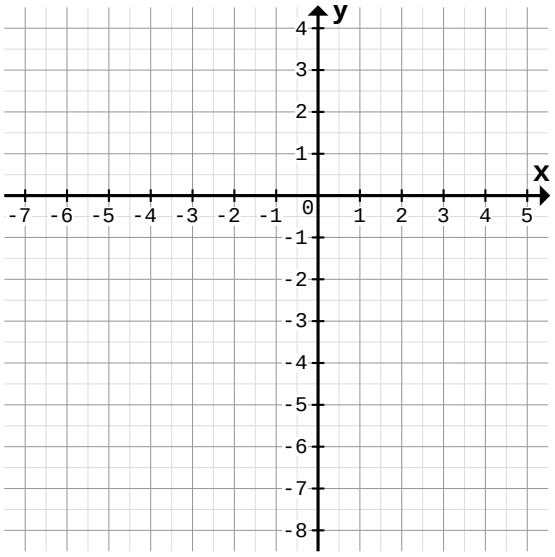
Berechne die fehlenden y-Koordinaten und zeichne mit Hilfe der Punkte den Graph:

1 a)



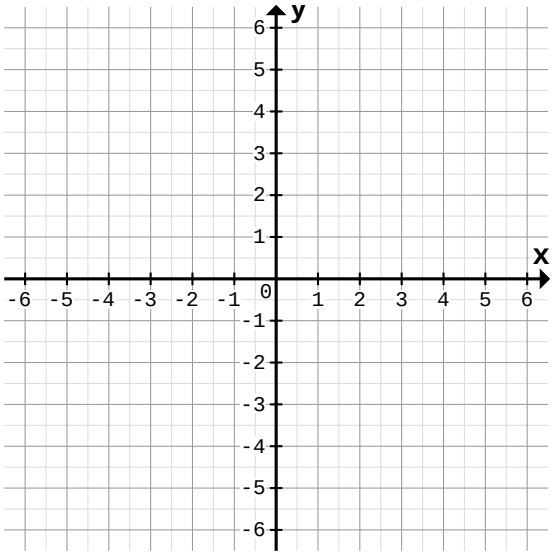
$f(x)=\frac{1}{2}x+2{,}5$	P1	P2	P3	P4	P5
x	-9	-7	-2	1	3
y					

b)



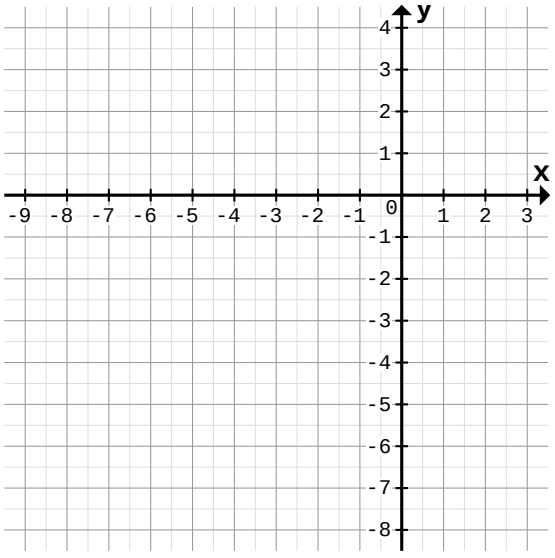
$f(x)=-\frac{3}{2}x-3$	P1	P2	P3	P4	P5
x	-4	-2	-1	1	3
y					

2 a)



$f(x)=\frac{5}{4}x+1$	P1	P2	P3	P4	P5
x	-5	-3	0	2	4
y					

b)



$f(x)=-\frac{2}{5}x-3{,}5$	P1	P2	P3	P4	P5
x	-6	-4	-2	1	3
y					

Quelle: www.matheaufgaben.net/arbeitsblaetter/lineare-funktionen/graph-aus-wertetabelle-mit-bruch/

Lineare Funktionen

Variante **2**

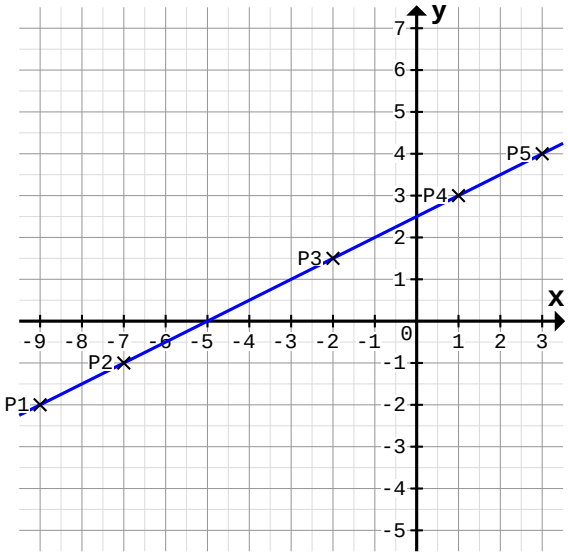
Graph aus Wertetabelle (Bruch)

Blatt **30**

... Lösungen ...

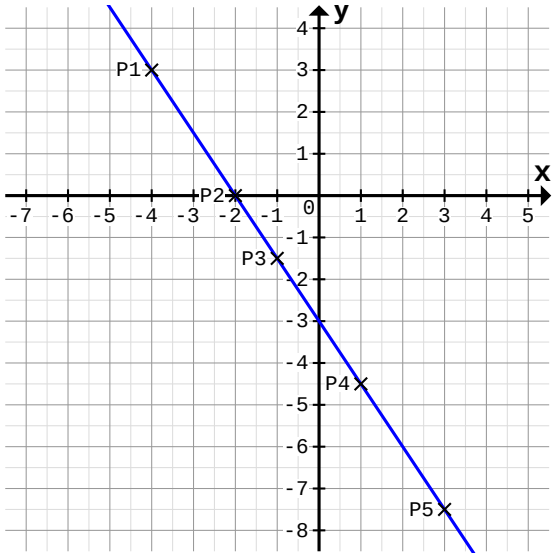
Berechne die fehlenden y-Koordinaten und zeichne mit Hilfe der Punkte den Graph:

1 a)



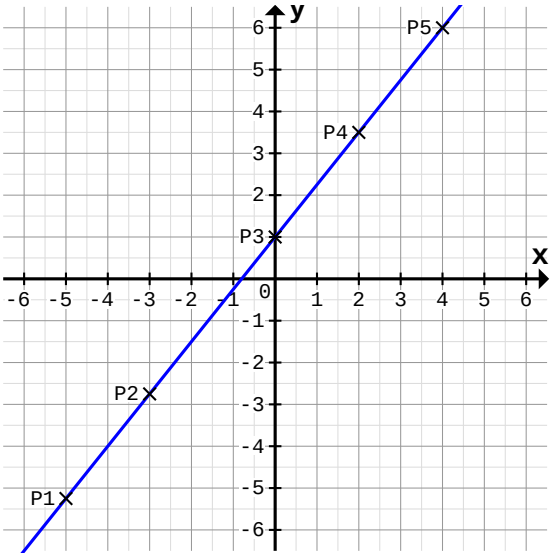
$f(x)=\frac{1}{2}x+2{,}5$	P1	P2	P3	P4	P5
x	-9	-7	-2	1	3
y	-2	-1	1,5	3	4

b)



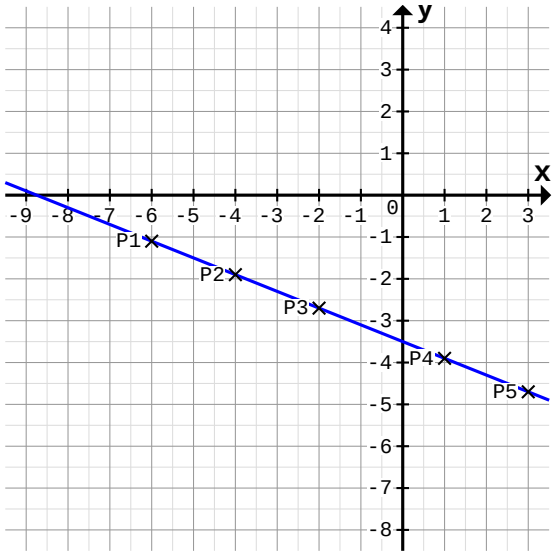
$f(x)=-\frac{3}{2}x-3$	P1	P2	P3	P4	P5
x	-4	-2	-1	1	3
y	3	0	-1,5	-4,5	-7,5

2 a)



$f(x)=\frac{5}{4}x+1$	P1	P2	P3	P4	P5
x	-5	-3	0	2	4
y	-5,3	-2,8	1	3,5	6

b)



$f(x)=-\frac{2}{5}x-3{,}5$	P1	P2	P3	P4	P5
x	-6	-4	-2	1	3
y	-1,1	-1,9	-2,7	-3,9	-4,7