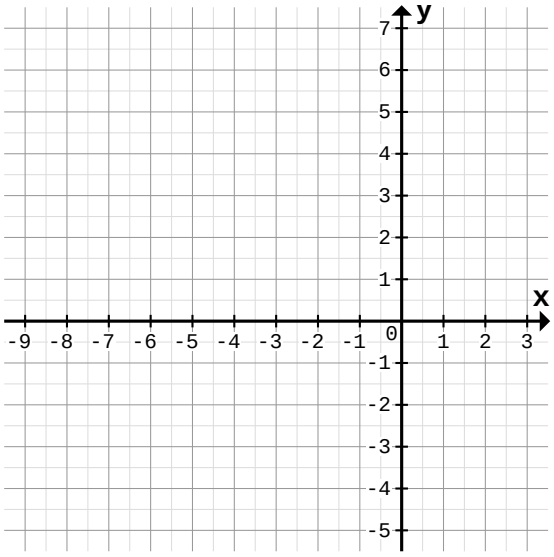
Lineare Funktionen Variante **2** Klasse: ____ Datum: _____

Graph aus Wertetabelle (Bruch) Blatt **25** Name: _____

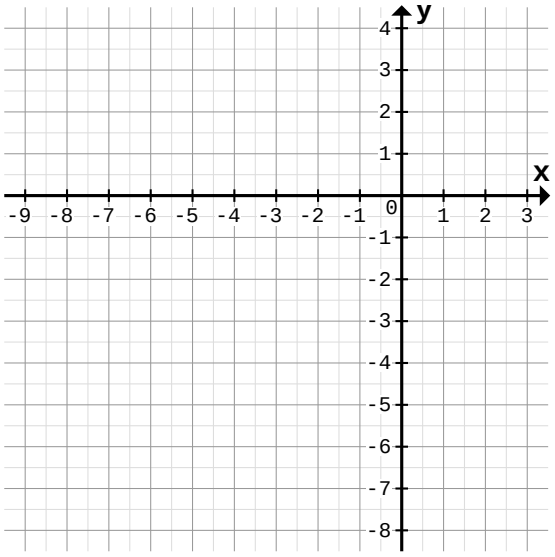
Berechne die fehlenden y-Koordinaten und zeichne mit Hilfe der Punkte den Graph:

1 a)



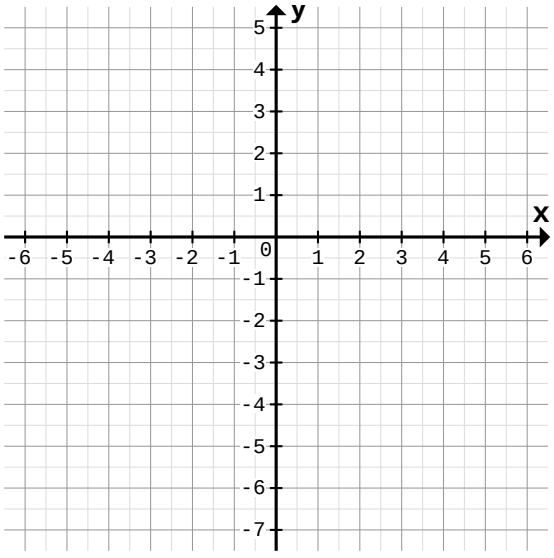
$f(x)=\frac{1}{2}x+2$	P1	P2	P3	P4	P5
x	-9	-7	-2	1	3
y					

b)



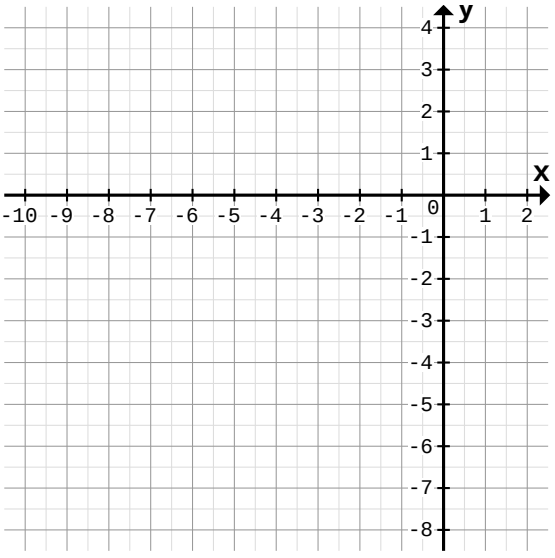
$f(x)=-\frac{1}{2}x-3{,}5$	P1	P2	P3	P4	P5
x	-9	-5	-2	1	3
y					

2 a)



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

b)



$f(x)=-\frac{1}{6}x-2{,}5$	P1	P2	P3	P4	P5
x	-10	-8	-3	0	2
y					

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

Lineare Funktionen

Variante **2**

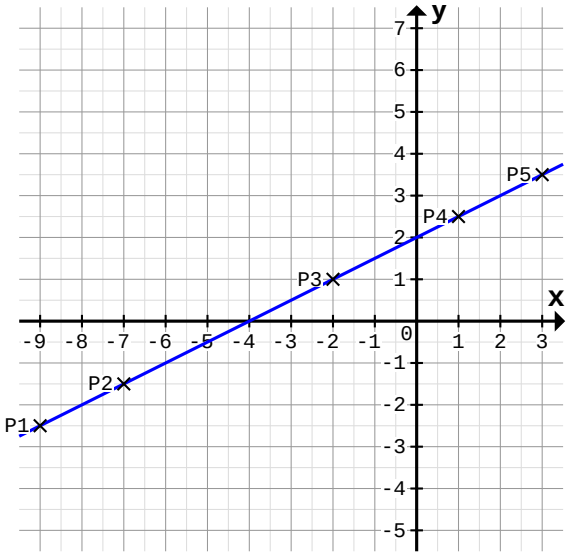
Graph aus Wertetabelle (Bruch)

Blatt **25**

... Lösungen ...

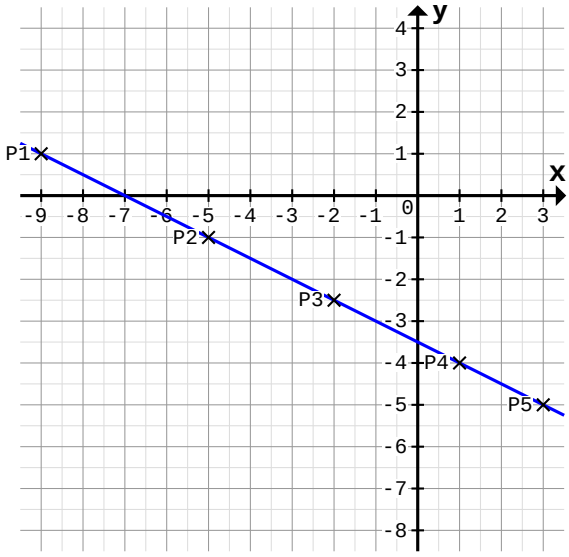
Berechne die fehlenden y-Koordinaten und zeichne mit Hilfe der Punkte den Graph:

1 a)



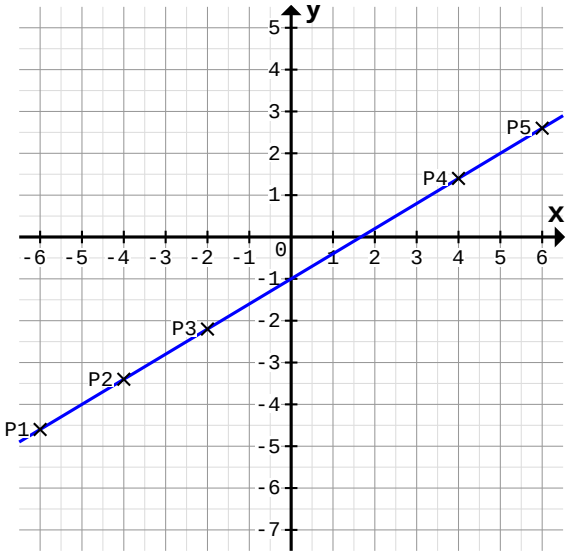
$f(x)=\frac{1}{2}x+2$	P1	P2	P3	P4	P5
x	-9	-7	-2	1	3
y	-2,5	-1,5	1	2,5	3,5

b)



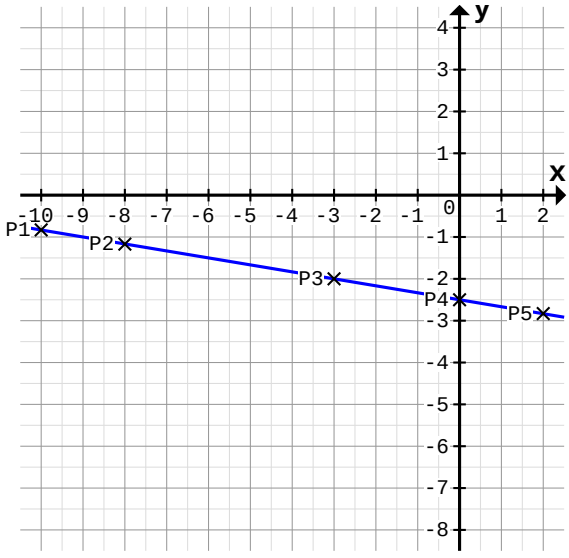
$f(x)=-\frac{1}{2}x-3,5$	P1	P2	P3	P4	P5
x	-9	-5	-2	1	3
y	1	-1	-2,5	-4	-5

2 a)



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

b)



$f(x)=-\frac{1}{6}x-2,5$	P1	P2	P3	P4	P5
x	-10	-8	-3	0	2
y	-0,8	-1,2	-2	-2,5	-2,8

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