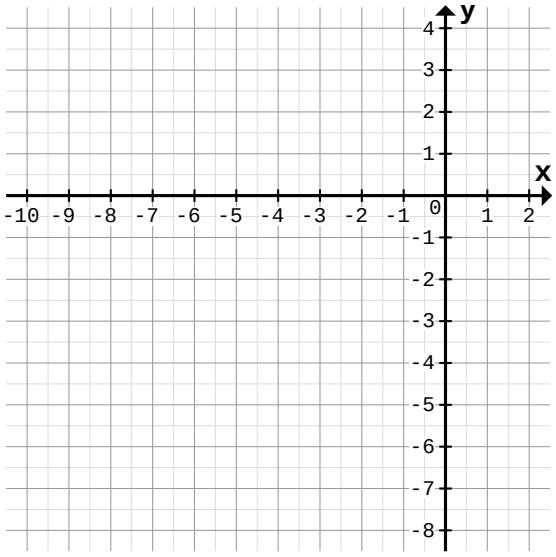
Lineare Funktionen Variante **2** Klasse: ____ Datum: _____

Graph aus Wertetabelle (Bruch) Blatt **52** Name: _____

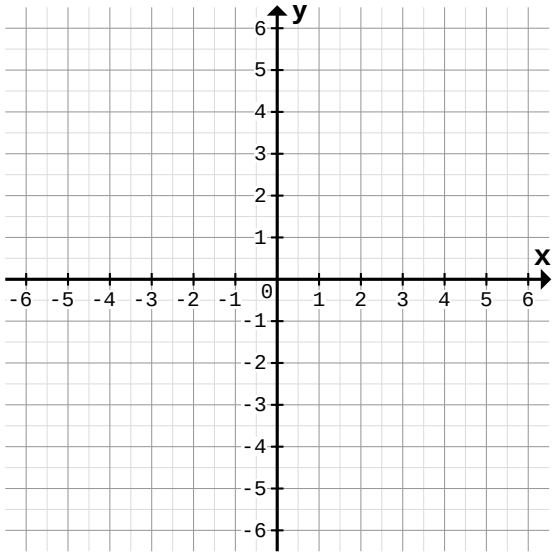
Berechne die fehlenden y-Koordinaten und zeichne mit Hilfe der Punkte den Graph:

1 a)



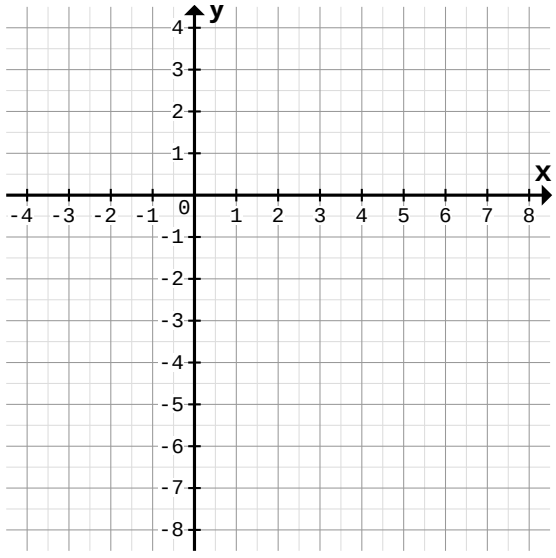
$f(x)=-\frac{1}{5}x-2{,}5$	P1	P2	P3	P4	P5
x	-8	-6	-3	0	2
y					

b)



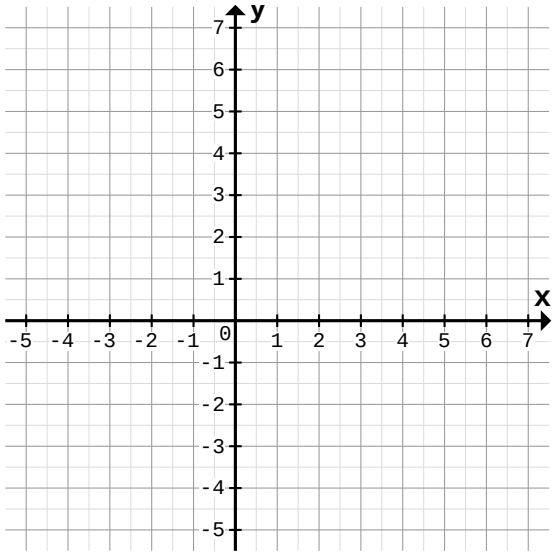
$f(x)=\frac{3}{2}x+1$	P1	P2	P3	P4	P5
x	-4	-3	1	2	3
y					

2 a)



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

b)



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

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

Lineare Funktionen

Variante **2**

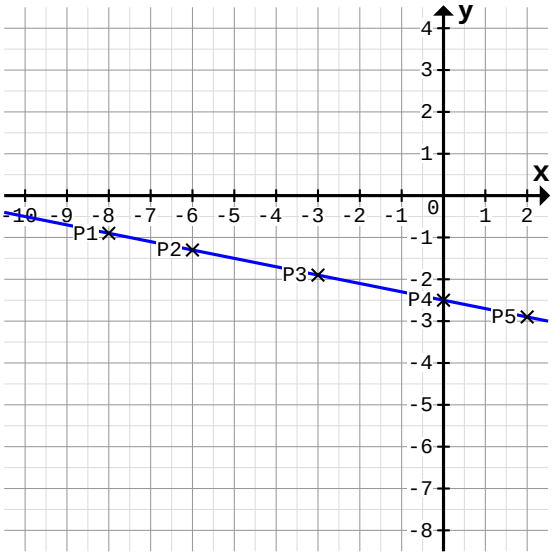
Graph aus Wertetabelle (Bruch)

Blatt **52**

... Lösungen ...

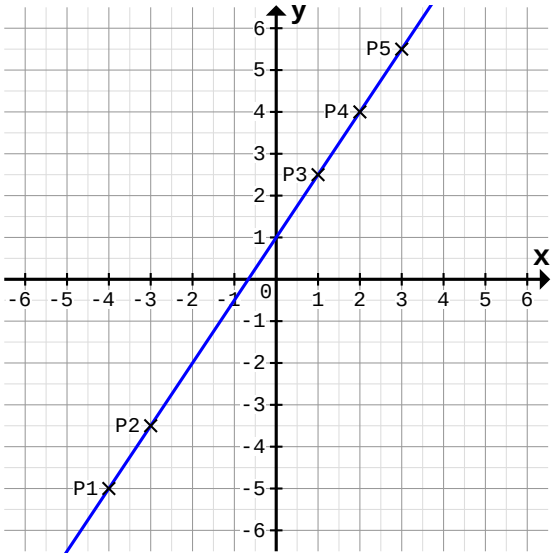
Berechne die fehlenden y-Koordinaten und zeichne mit Hilfe der Punkte den Graph:

1 a)



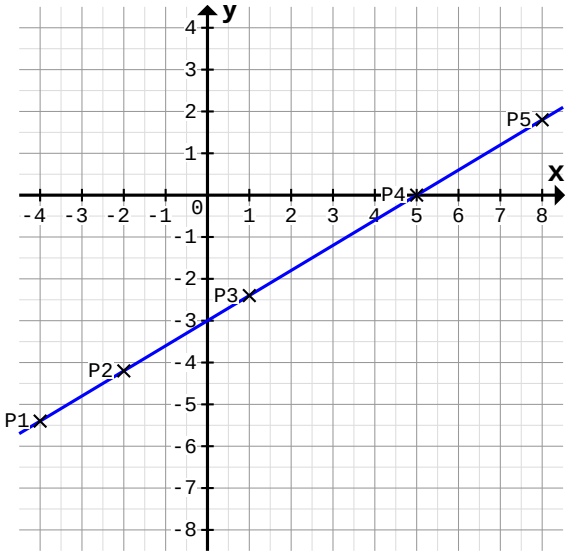
$f(x)=-\frac{1}{5}x-2{,}5$	P1	P2	P3	P4	P5
x	-8	-6	-3	0	2
y	-0,9	-1,3	-1,9	-2,5	-2,9

b)



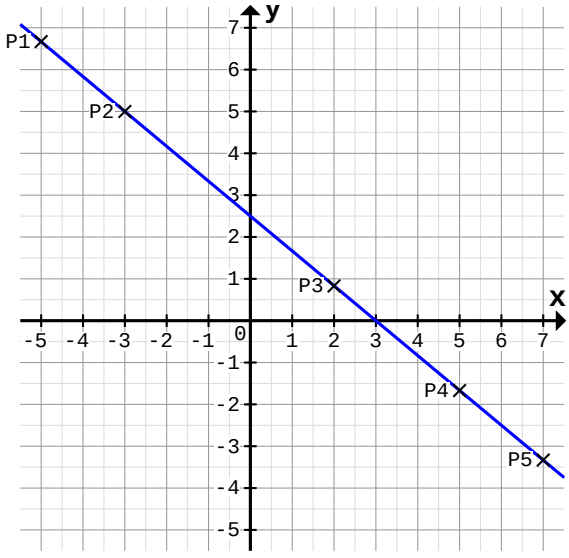
$f(x)=\frac{3}{2}x+1$	P1	P2	P3	P4	P5
x	-4	-3	1	2	3
y	-5	-3,5	2,5	4	5,5

2 a)



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

b)



$f(x)=-\frac{5}{6}x+2{,}5$	P1	P2	P3	P4	P5
x	-5	-3	2	5	7
y	6,7	5	0,8	-1,7	-3,3

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