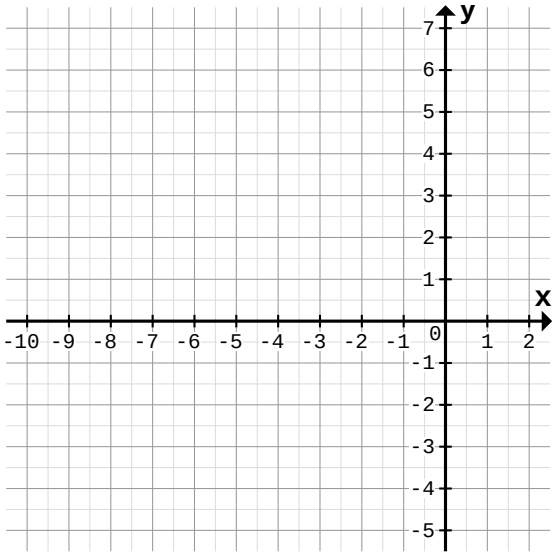
Lineare Funktionen Variante **2** Klasse: ____ Datum: _____

Graph aus Wertetabelle (Bruch) Blatt **49** Name: _____

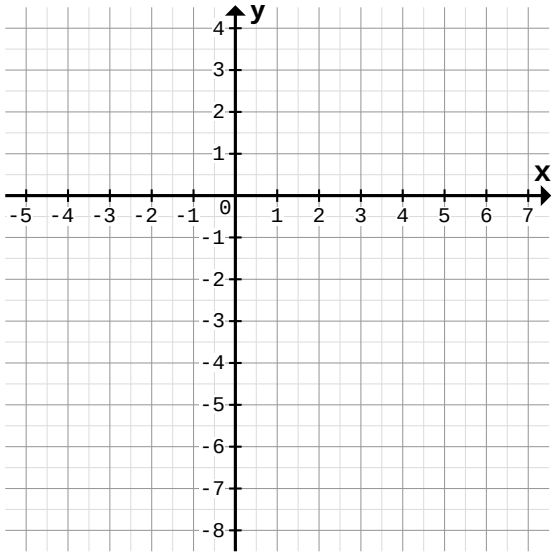
Berechne die fehlenden y-Koordinaten und zeichne mit Hilfe der Punkte den Graph:

1 a)



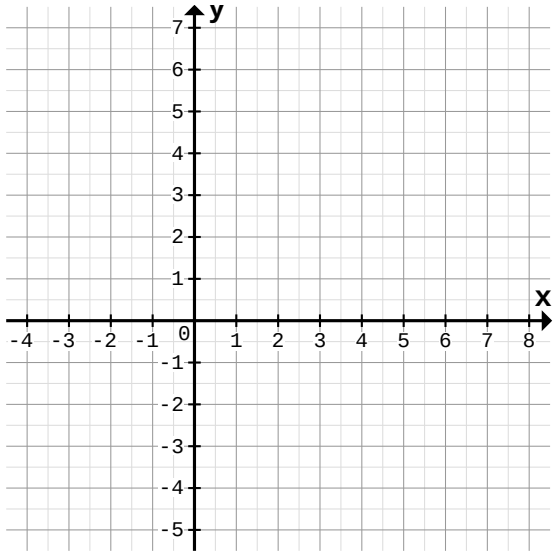
$f(x)=\frac{1}{5}x+3,5$	P1	P2	P3	P4	P5
x	-10	-8	-5	0	2
y					

b)



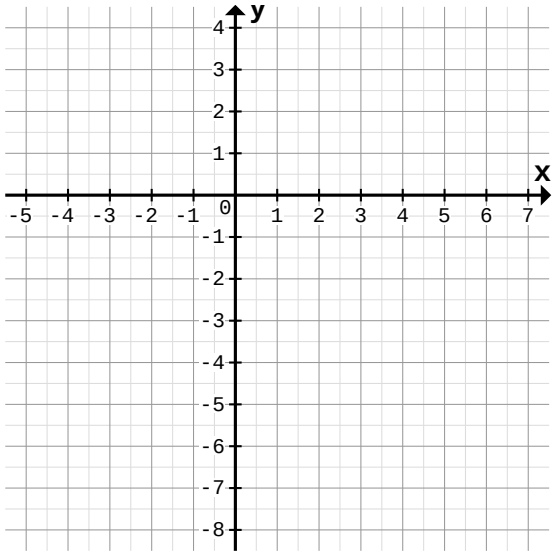
$f(x)=\frac{3}{2}x-3$	P1	P2	P3	P4	P5
x	-3	-1	1	2	4
y					

2 a)



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

b)



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

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

Lineare Funktionen

Variante **2**

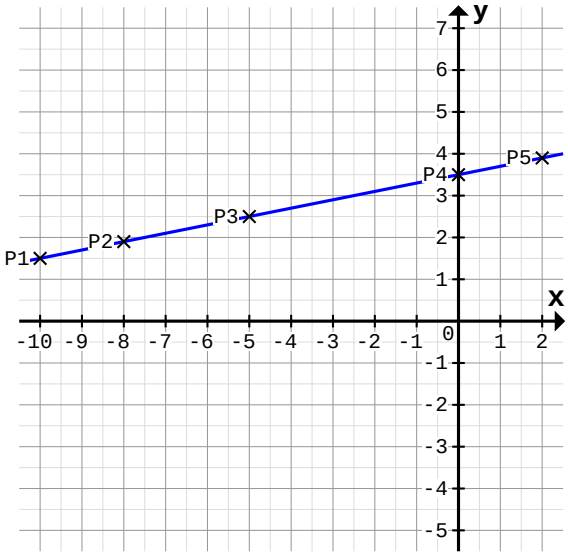
Graph aus Wertetabelle (Bruch)

Blatt **49**

... Lösungen ...

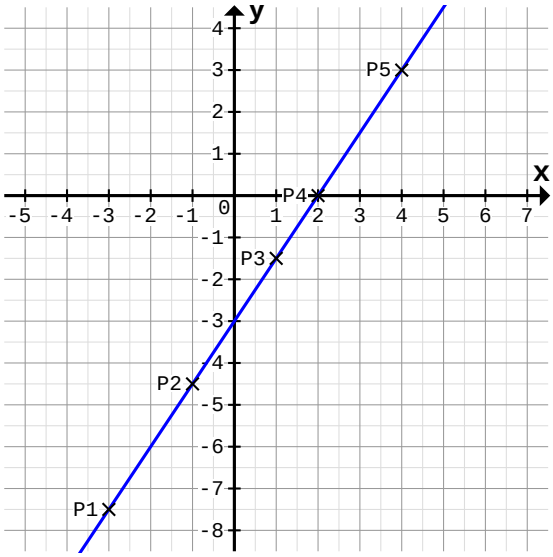
Berechne die fehlenden y-Koordinaten und zeichne mit Hilfe der Punkte den Graph:

1 a)



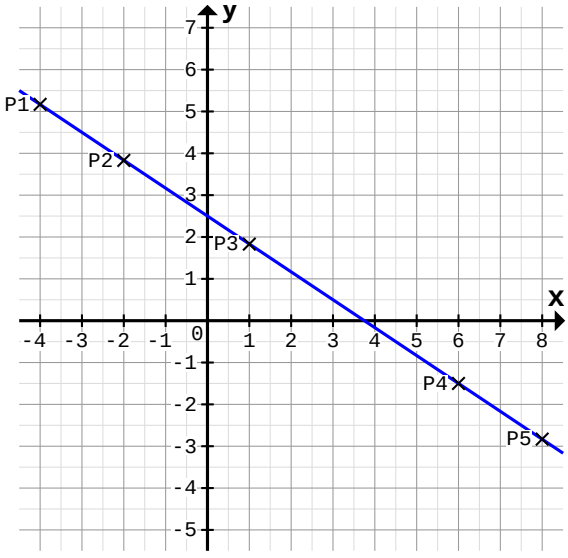
$f(x)=\frac{1}{5}x+3{,}5$	P1	P2	P3	P4	P5
x	-10	-8	-5	0	2
y	1,5	1,9	2,5	3,5	3,9

b)



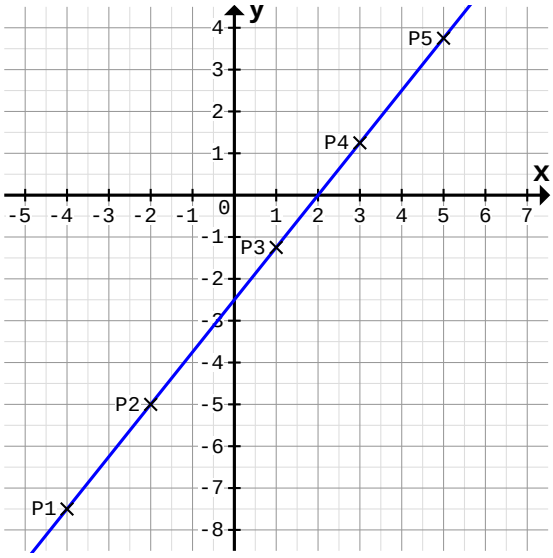
$f(x)=\frac{3}{2}x-3$	P1	P2	P3	P4	P5
x	-3	-1	1	2	4
y	-7,5	-4,5	-1,5	0	3

2 a)



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

b)



$f(x)=\frac{5}{4}x-2{,}5$	P1	P2	P3	P4	P5
x	-4	-2	1	3	5
y	-7,5	-5	-1,3	1,3	3,8