

Lineare Funktionen

Variante 2

Klasse: _____

Datum: _____

Graph aus Wertetabelle (Bruch)

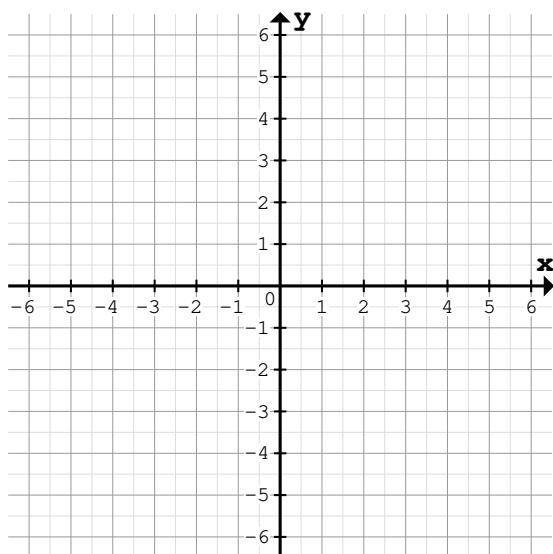
Blatt

5

Name: _____

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

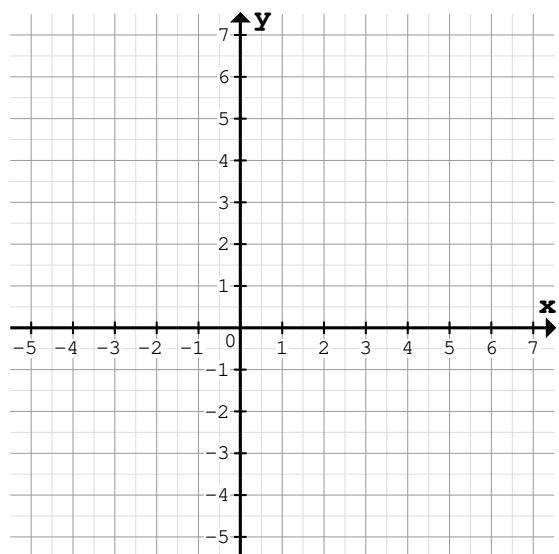
1 a)



$$f(x) = \frac{5}{3}x + 1,5$$

	P1	P2	P3	P4	P5
x	-4	-3	0	1	2
y					

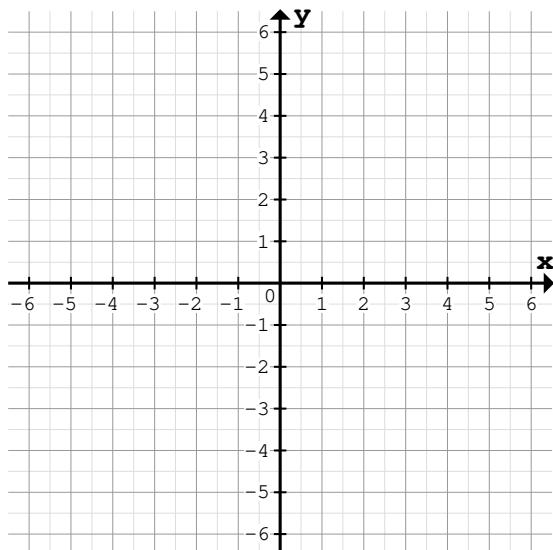
b)



$$f(x) = \frac{5}{3}x + 3,5$$

	P1	P2	P3	P4	P5
x	-2	-1	1	4	5
y					

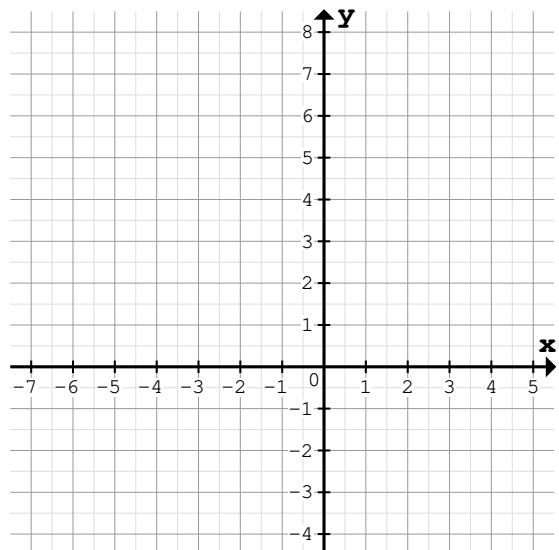
2 a)



$$f(x) = \frac{2}{3}x + 0,5$$

	P1	P2	P3	P4	P5
x	-6	-4	1	4	6
y					

b)



$$f(x) = \frac{3}{2}x + 4$$

	P1	P2	P3	P4	P5
x	-5	-4	-1	1	2
y					

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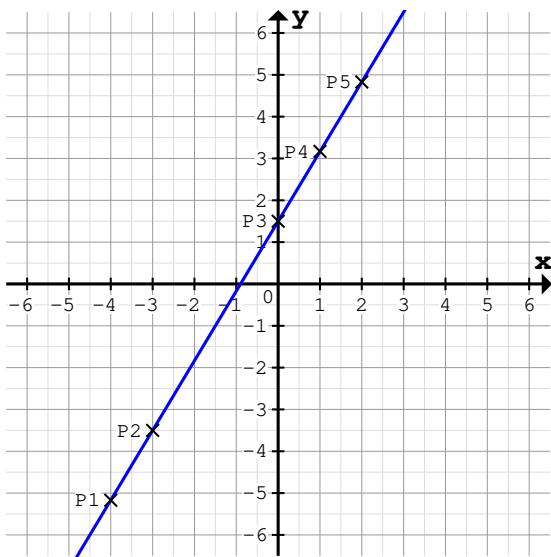
Graph aus Wertetabelle (Bruch)

Blatt 5

... Lösungen ...

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

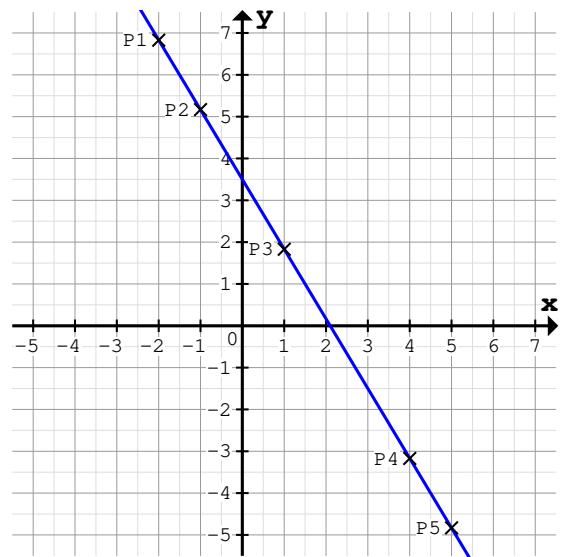
1 a)



$$f(x) = \frac{5}{3}x + 1,5$$

	P1	P2	P3	P4	P5
x	-4	-3	0	1	2
y	-5,2	-3,5	1,5	3,2	4,8

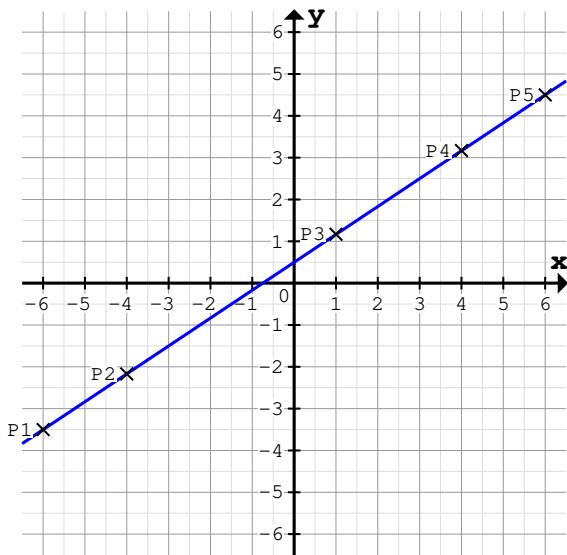
b)



$$f(x) = \frac{5}{3}x + 3,5$$

	P1	P2	P3	P4	P5
x	-2	-1	1	4	5
y	6,8	5,2	1,8	-3,2	-4,8

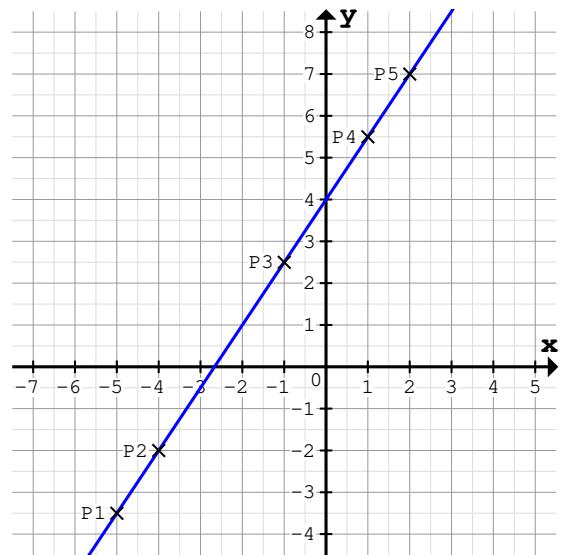
2 a)



$$f(x) = \frac{2}{3}x + 0,5$$

	P1	P2	P3	P4	P5
x	-6	-4	1	4	6
y	-3,5	-2,2	1,2	3,2	4,5

b)



$$f(x) = \frac{3}{2}x + 4$$

	P1	P2	P3	P4	P5
x	-5	-4	-1	1	2
y	-3,5	-2	2,5	5,5	7