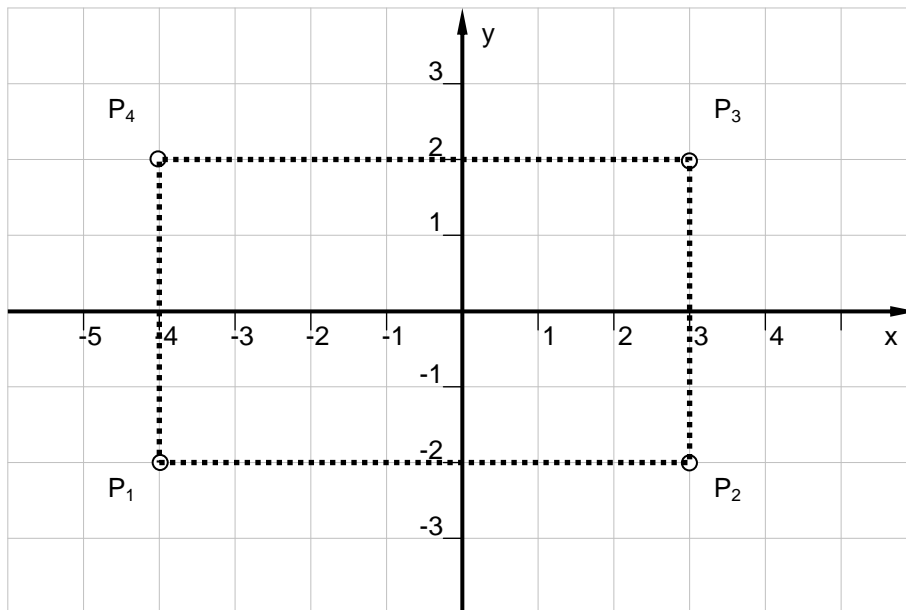


8.3 Lösungen

1. P1(6/2); P5(-7/-2);
 P2(2/5); P6(-5/-6);
 P3(-3/6); P7(5/-4);
 P4(-6/1); P8(3/-2);
2. a) 1. Quadrant d) y-Achse (zwischen 1. und 2. Quadrant)
 b) 4. Quadrant e) x-Achse (zwischen 1. und 4. Quadrant)
 c) 2. Quadrant f) 3. Quadrant

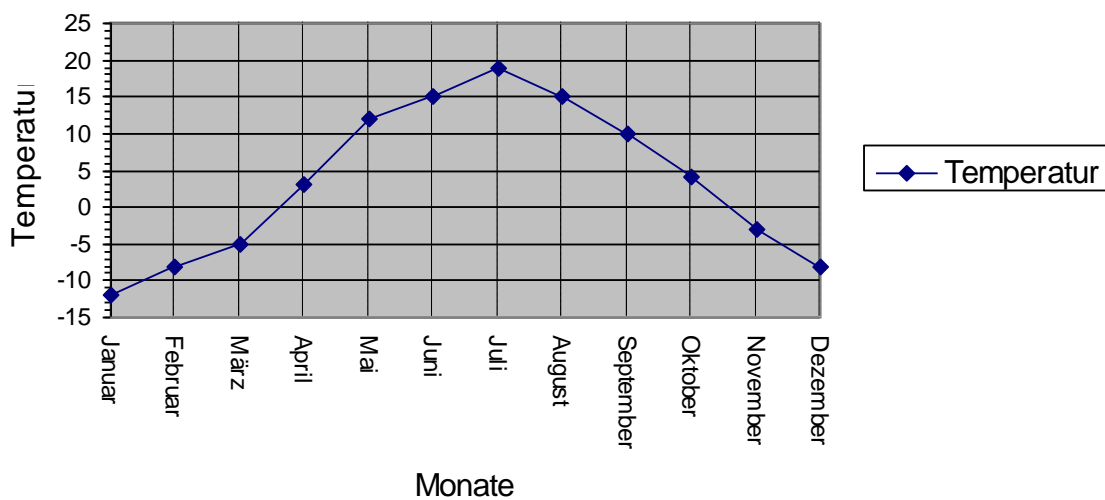
3.



Länge = 7 Einheiten; Breite = 4 Einheiten; Diagonale = 8,06 Einheiten; Fläche = 28 Einheiten²

4.

Lufttemperatur für Moskau



5.

y = x									
a)	x:	-3	-2	-1	0	1	2	3	4
	y:	-3	-2	-1	0	1	2	3	4

b)

y = 3x									
	x:	-3	-2	-1	0	1	2	3	4
	y:	-9	-6	-3	0	3	6	9	12

c)

y = 4x+7									
	x:	-3	-2	-1	0	1	2	3	4
	y:	-5	-1	3	7	11	15	19	23

d)

y = x+2									
	x:	-3	-2	-1	0	1	2	3	4
	y:	-1	0	1	2	3	4	5	6

e)

y = 2x-1/2									
	x:	-3	-2	-1	0	1	2	3	4
	y:	-6.5	-4.5	-2.5	-0.5	1.5	3.5	5.5	7.5

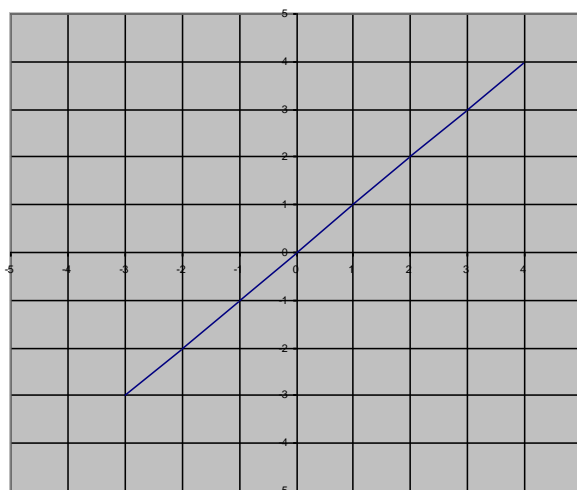
f)

y = 4x-3									
	x:	-3	-2	-1	0	1	2	3	4
	y:	-15	-11	-7	-3	1	5	9	13

6.

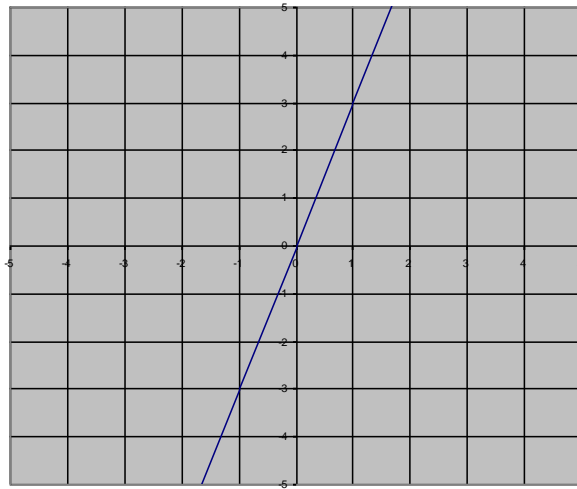
a)

$y=x$



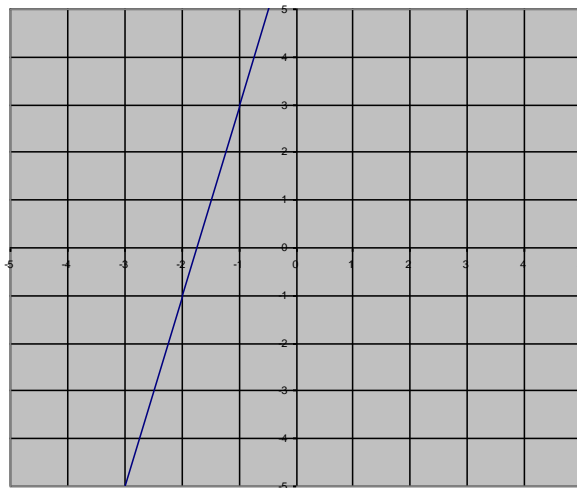
b)

$$y=3x$$



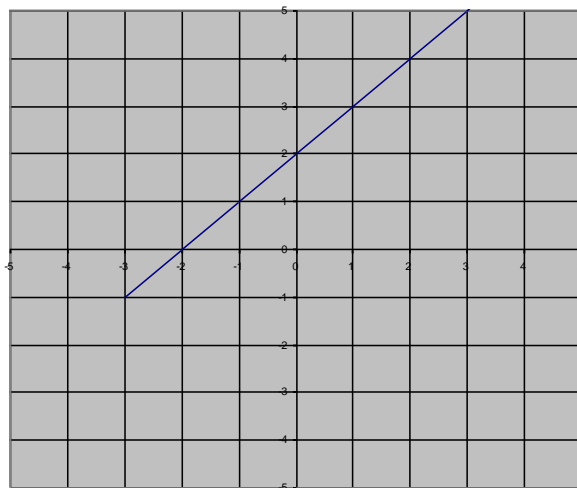
c)

$$y=4x+7$$



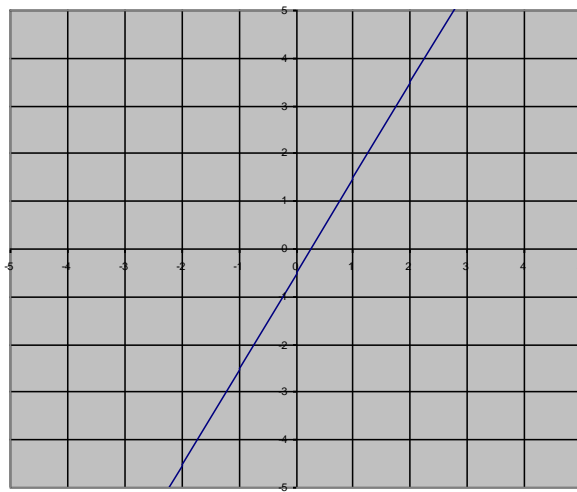
d)

$$y=x+2$$



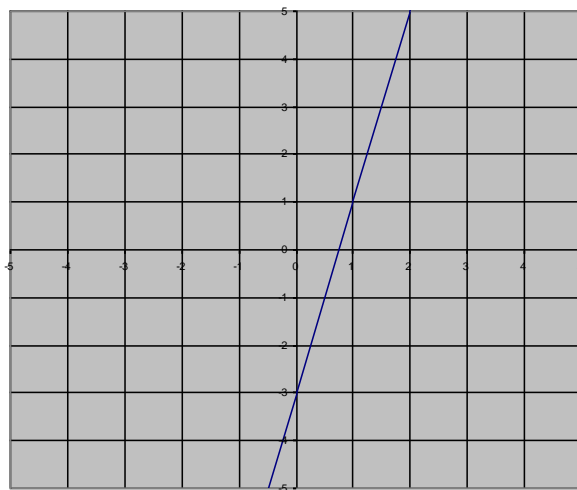
e)

$$y=2x-0.5$$



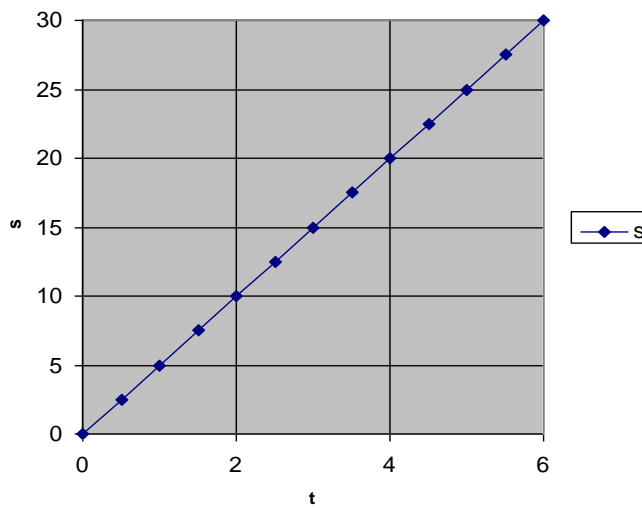
f)

$$y=4x-3$$



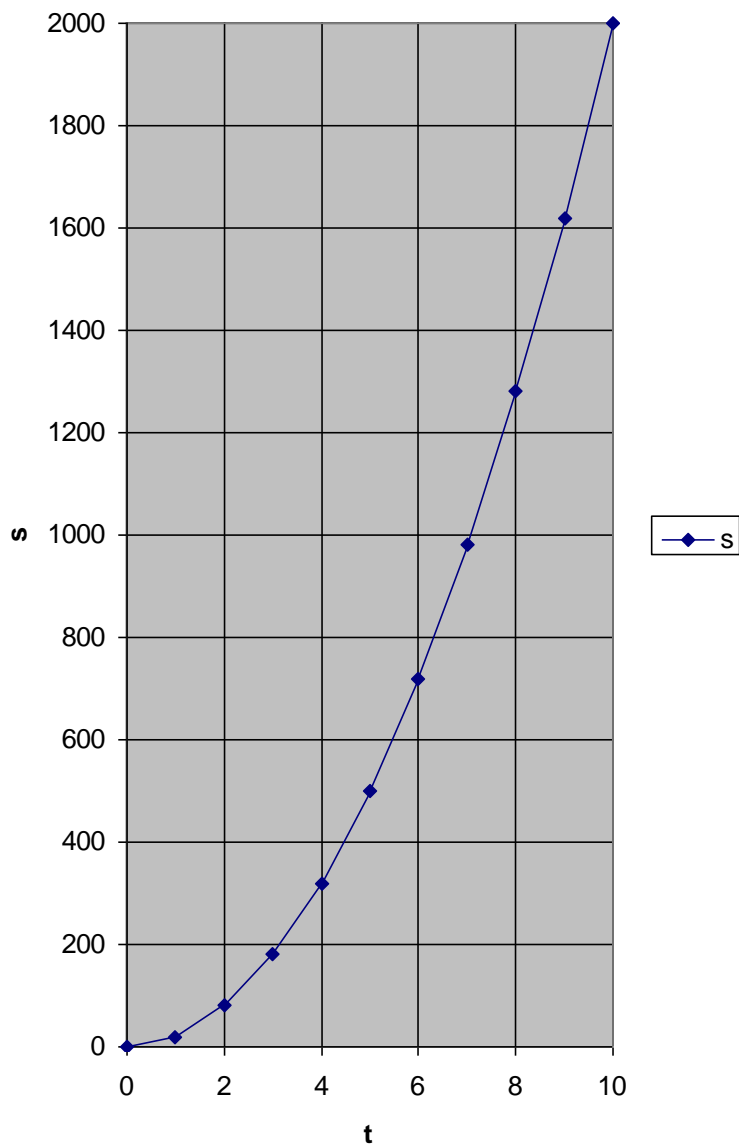
7.

s-t-Diagramm



8.

$$s=f(t)$$



9. a) Balkendiagramm
b) Kreisdiagramm
c) Liniendiagramm