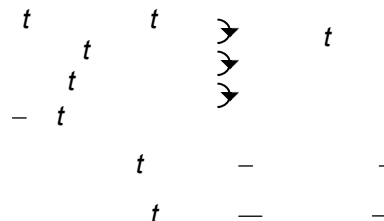


Hoofdstuk 14 VERGELIJKINGEN HAVO

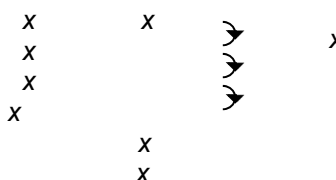
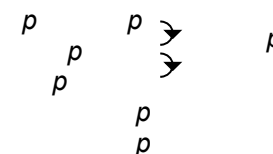
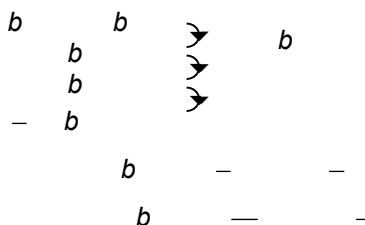
14.0 INTRO

- 1
- 2
- 3
- 4



14.1 WAT IS HET GETAL X?

- 5
 - x
 - x -
 - x
 - x
 - x
 - x
- 6
 - x
 - x
 - x
- 7
 - x x
 - x
 - x
 - x - -
 - x



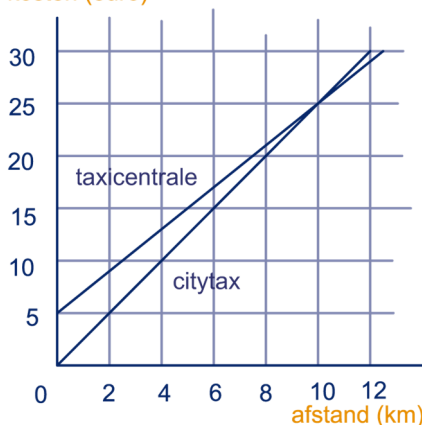
b

14.3 VERGELIJKINGEN EN GRAFIEKEN

11 a

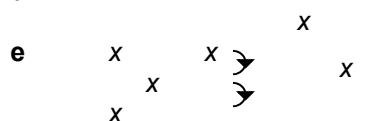
b

kosten (euro)

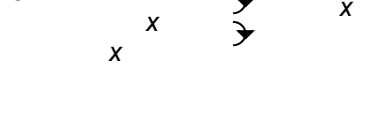


c

d



e

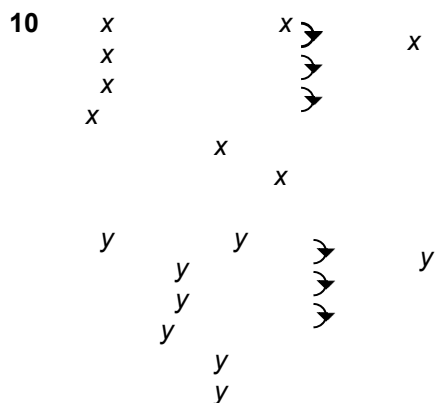


14.2 DE WEEGSCHAALMETHODE

8 a

b

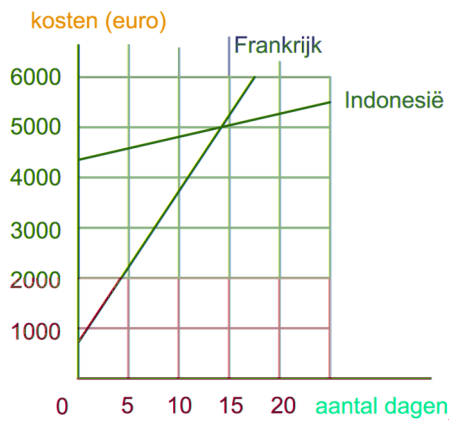
- 9 a x
- b x x
- c x
- d x
- e x
- f x



12 a

b

c



d

e

f

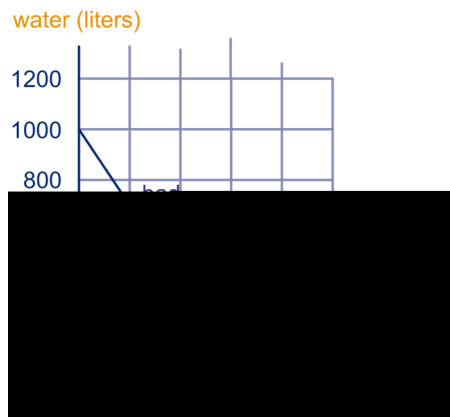
g

h

13 a

b

c

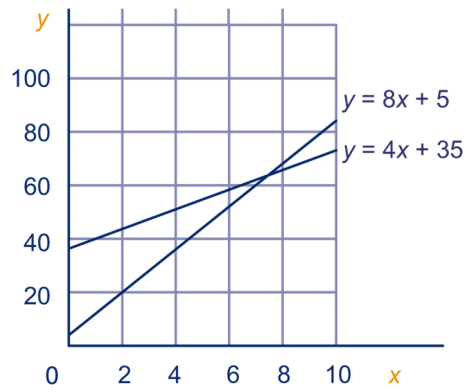


d

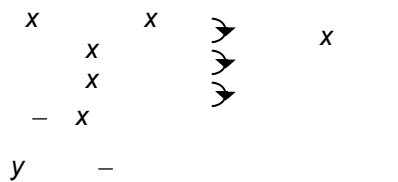
e

e

14 a

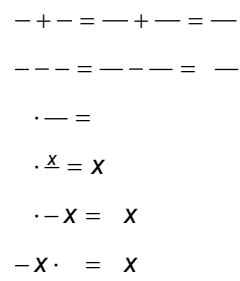


b

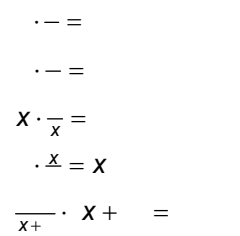


14.4 MEER VERGELIJKINGEN

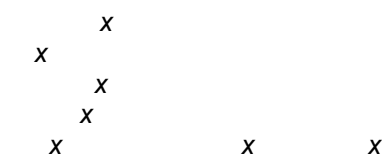
15 a



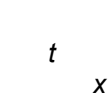
b



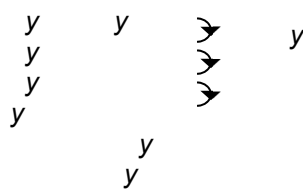
16



17



18



$$\begin{array}{cccc}
 t & & t & \\
 t & & & t \\
 t & & & \\
 t & - = - & & \\
 & & t & - - \\
 & & t & - -
 \end{array}$$

$$\begin{array}{cccc}
 x & & x & \\
 x & & x & \\
 x & & & x \\
 x & & & \\
 x & & & \\
 & & x & \\
 & & x &
 \end{array}$$

$$\begin{array}{cccc}
 y & & y & \\
 y & & y & \\
 & y & & y \\
 & & y & \\
 & & y &
 \end{array}$$

$$\begin{array}{cccc}
 x & & x & \\
 x & & x & \\
 & x & & x \\
 & & x & \\
 & & x &
 \end{array}$$

$$\begin{array}{cccc}
 & f & f & \\
 & f & f & \\
 3 & f & & f \\
 f & - & & \\
 & & f & - - - \\
 & & f & - - -
 \end{array}$$

$$\begin{array}{cccc}
 -x & - & -x & - \\
 x & & x & x \\
 & x & & \\
 & x & & \\
 & & -x & - - - \\
 & & -x & - - -
 \end{array}$$

$$\begin{array}{cccc}
 y & & y & \\
 y & & y & \\
 y & & & y \\
 y & & & \\
 & & y & \\
 & & y &
 \end{array}$$

$$\begin{array}{cccc}
 f & & f & \\
 f & & f & \\
 f & & & f \\
 & & f & -
 \end{array}$$

$$\begin{array}{cccc}
 & f & & \\
 \frac{t-}{t} & & & t \\
 t & & t & \\
 & t & & t \\
 & t & & \\
 & & \frac{t-}{t} & - -
 \end{array}$$

$$\begin{array}{cccc}
 & & & \\
 \overline{p+} & & & p \\
 & p & & \\
 & p & & \\
 & p & & \\
 - p & & & \\
 & & & \\
 \overline{p+} & & & -
 \end{array}$$

19 a
b

$$\begin{array}{cccc}
 -x & -x & & \\
 & x & x & \\
 x & x & & x \\
 x & & & \\
 & & -x & - \\
 & & -x & -
 \end{array}$$

20

$$\begin{array}{cccc}
 -x & -x & & \\
 x & x & & x \\
 x & & & \\
 x & & & \\
 x & & & \\
 & & -x & \\
 & & -x &
 \end{array}$$

21

$$\begin{array}{cccc}
 x & - & x & x \\
 x & - & x & x \\
 x & - & & x \\
 & & x & \\
 & & x & \\
 & & x & \\
 x & - = - & & x
 \end{array}$$

$$\begin{array}{r}
 -x \quad -x \\
 -x \quad -x \\
 x \quad x \\
 x \\
 x \\
 - = -x
 \end{array}
 \begin{array}{l}
 \rightarrow \\
 \rightarrow \\
 \rightarrow \\
 \rightarrow \\
 \rightarrow
 \end{array}
 x$$

$$\begin{array}{r}
 \frac{-x}{x} \\
 x \quad x \\
 x \\
 x
 \end{array}
 \begin{array}{l}
 \rightarrow \\
 \rightarrow \\
 \rightarrow
 \end{array}
 x$$

$$\begin{array}{r}
 x \quad x \\
 x \quad x \\
 x \\
 x
 \end{array}
 \begin{array}{l}
 \rightarrow \\
 \rightarrow \\
 \rightarrow \\
 \rightarrow
 \end{array}$$

$$\begin{array}{r}
 -x \quad -x \\
 -x \quad -x \\
 x \quad x \\
 x \quad x \\
 x \quad x \\
 x
 \end{array}
 \begin{array}{l}
 \rightarrow \\
 \rightarrow \\
 \rightarrow \\
 \rightarrow \\
 \rightarrow \\
 \rightarrow
 \end{array}
 x$$

22 a

$$\begin{array}{r}
 x \quad x \\
 x \quad x \\
 x \quad x \\
 x \\
 x
 \end{array}$$

b

$$\begin{array}{r}
 -x \quad - \quad - \quad - \\
 - \quad x \quad - \quad -
 \end{array}$$

c

$$\begin{array}{r}
 -x \\
 x \quad x \\
 -x \\
 - \quad x \\
 x \quad - \quad x
 \end{array}$$

14.5 VERGELIJKINGEN OPSTELLEN

23

$$\begin{array}{r}
 x \quad -x \\
 -x \\
 x
 \end{array}$$

24 a

$$\begin{array}{r}
 d \quad d \\
 d \quad d \quad d \\
 d \\
 d \\
 d
 \end{array}$$

c

25 a

$$\begin{array}{r}
 a \\
 b \quad a \quad a \\
 a \\
 c
 \end{array}$$

26 a

$$\begin{array}{r}
 x \quad x \\
 b \quad x \quad x \\
 x \quad x \\
 x \quad x
 \end{array}$$

27

$$\begin{array}{r}
 x \quad x \\
 x \quad x \\
 x \quad x \\
 x \quad -
 \end{array}$$

28 a

$$\begin{array}{r}
 k \\
 b \quad k \quad k \\
 c \quad k \quad k \\
 k \\
 k
 \end{array}$$

29 a

$$\begin{array}{r}
 m \quad m \\
 b \quad m \quad m \\
 m \quad m \\
 m
 \end{array}$$

30

$$\begin{array}{r}
 c \quad c \\
 c \quad c \quad c \\
 c \\
 c
 \end{array}$$

31 a

$$\begin{array}{r}
 k \quad k \\
 k \\
 k
 \end{array}$$

b

$$\frac{x}{x+} \quad \bar{x} \quad \rightarrow \quad x$$

$$x \quad x \quad \frac{x+}{x} \quad \rightarrow \quad x$$

$$x \quad x \quad x \quad x \quad \rightarrow$$

$$x \quad x \quad x \quad x \quad \rightarrow \quad x$$

$$x \quad x \quad x \quad \rightarrow \quad x$$

$$x \quad - \quad - \quad \rightarrow$$

$$\frac{x}{x+} \quad \frac{-}{-+} \quad \frac{-}{-}$$

$$\bar{x} \quad \bar{-}$$

24

$$x \quad x$$

$$x$$

$$x$$

$$x$$

25

$$k \quad k$$

$$k \quad k$$

$$k$$

26

$$/ \quad /$$

$$/$$

$$/$$

$$/$$

28

$$x \quad x$$

$$x \quad x$$

$$x$$

$$x$$

29 a

$$v - \quad v - \quad v -$$

b

$$v - \quad v - \quad -$$

$$-v = -v \quad -$$

$$v = v$$

$$v =$$

c

37

$$x \quad x \quad x$$

$$x \quad x \quad x$$

$$x \quad x \quad x$$

$$x$$

14.9 EXTRA OPGAVEN

1 a

$$j \quad m \quad j \quad m$$

c

$$m \quad m$$

$$m$$

2 a

$$y \quad x \quad y \quad -x$$

b

$$x \quad -y \quad x \quad y$$

c

$$-y \quad y$$

$$y \quad y$$

$$y \quad y$$

d

3

$$/ \quad / \quad a \quad / \quad -a \quad a$$

$$a \quad -a$$

$$a \quad a$$

$$a$$

4

$$x \quad x$$

$$x \quad x$$

$$x$$

$$x$$

$$x \quad x$$

$$x \quad x$$

$$x$$

5 a

$$x \quad x$$

$$x \quad -$$

$$x \quad x$$

$$x \quad x$$

$$x \quad x$$

$$x \quad x$$

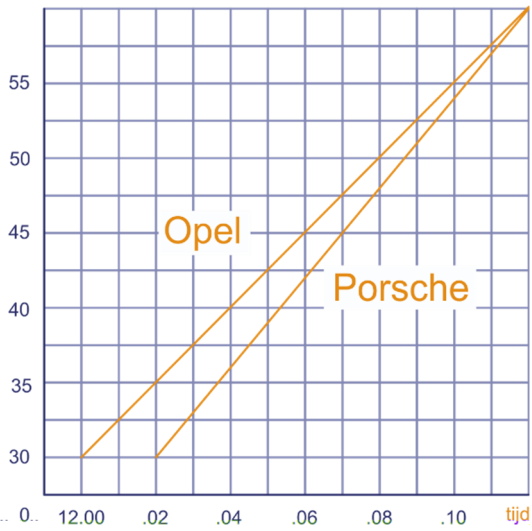
$$x \quad x$$

$$x \quad x$$

$$x \quad x$$

c

afstand



d

-t t

e

-t t

-t t

t t

t

f

-

g

-t t

-t t

-t

t

h

-

8 a

-

-

b

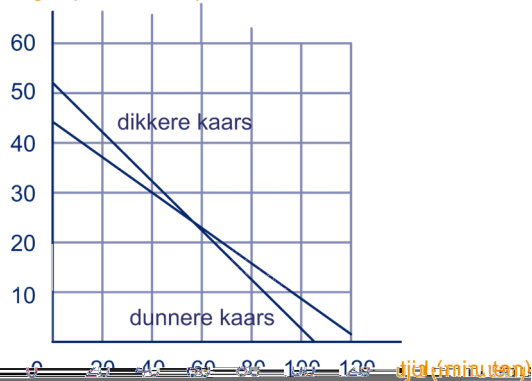
/ -t

c

/ -t

d

lengte (centimeters)



e

-t

-t

t

t

t

f

-