

1. Determinescha divisurs e divisurs cumünaivels.**a** Determinescha tuot ils divisurs cumünaivels.

8:

15:

18:

20:

40:

b Determinescha tuot ils divisurs cumünaivels dals duos nomers.

Fa ün rinch intuorn il divisur cumünaivel il plü grond.

divisurs cumünaivels dad 8 e 18:

divisurs cumünaivels da 15 e 18:

divisurs cumünaivels da 15 e 20:

divisurs cumünaivels da 20 e 40:

2. Determinescha multipels e multipels cumünaivels.**a** Determinescha ilsesch multipels ils plü pitschens.

4:

6:

7:

10:

15:

b Determinescha il multipel cumünaivel il plü pitschen dals duos nomers.

4 e 10: 6 e 7:

10 e 15: 6 e 15:

3. Tschercha nomers primars. Fa ün rinch intuorn quels.

11 13 15 17 19 21 23 25 27 39 46

1. Determinescha divisurs e divisurs cumünaivels.**a Determinescha tuot ils divisurs cumünaivels.**

20:

28:

32:

35:

48:

**b Determinescha tuot ils divisurs cumünaivels dals duos nomers.
Fa ün rinch intuorn il divisur cumünaivel il plü grond.**

divisurs cumünaivels da 20 e 35:

divisurs cumünaivels da 28 e 35:

divisurs cumünaivels da 28 e 48:

divisurs cumünaivels da 32 e 48:

2. Determinescha multipels e multipels cumünaivels.**a Determinescha ils desch multipels ils plü pitschens.**

12:

14:

15:

20:

24:

b Determinescha il multipel cumünaivel il plü pitschen dals duos nomers.

12 e 20: 15 e 24:

12 e 15: 12 e 14:

3. Tschercha nomers primars. Fa ün rinch intuorn quels.

41 51 53 57 59 61 71 81 91

1. Determinescha divisurs e divisurs cumünaivels.**a Determinescha tuot ils divisurs cumünaivels.**

72:

81:

90:

96:

108:

b Determinescha tuot ils divisurs cumünaivels dals duos nomers.

Fa ün rinch intuorn il divisur cumünaivel il plü grond.

divisurs cumünaivels da 72 e 90:

divisurs cumünaivels da 72 e 108:

divisurs cumünaivels dad 81, 90 e 96:

divisurs cumünaivels da 72, 96 e 108:

2. Determinescha multipels e multipels cumünaivels.**a Determinescha ils desch multipels ils plü pitschens.**

16:

20:

24:

30:

36:

b Determinescha il multipel cumünaivel il plü pitschen dals duos nomers.

24 e 30:

16 e 36:

16, 24 e 36:

20, 24 e 30:

3. Tschercha nomers primars. Fa ün rinch intuorn quels.

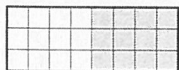
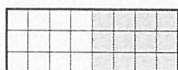
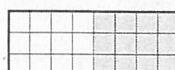
71 111 113 117 119 129 131 133

1. A chenüns ruots correspuondan las parts culuridas?

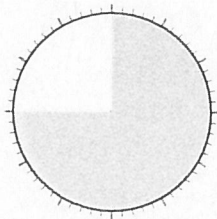
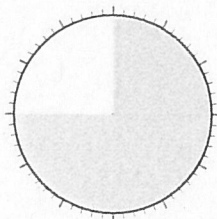
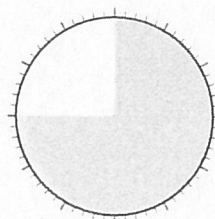
Trapartischa la surfatscha culurida da möd chi vegnan rapreschantats differents ruots d'eguala valor. Douvra ils nomnaders chi sun dats.

Nota ils ruots sco equaziun.

a

 $\frac{\quad}{4}$  $\frac{\quad}{2}$  $\frac{\quad}{6}$

b

 $\frac{\quad}{4}$  $\frac{\quad}{12}$  $\frac{\quad}{60}$

2. Schlargia o scurznischa mincha ruot sül nomnader chi`d es dat.

a

$$\frac{2}{5} = \frac{\quad}{10}$$

$$\frac{1}{2} = \frac{\quad}{10}$$

b

$$\frac{3}{4} = \frac{\quad}{12}$$

$$\frac{2}{3} = \frac{\quad}{12}$$

c

$$\frac{36}{60} = \frac{\quad}{10}$$

$$\frac{5}{30} = \frac{\quad}{6}$$

d

$$\frac{35}{100} = \frac{\quad}{20}$$

$$\frac{200}{1000} = \frac{\quad}{5}$$

3. Schlargia o scurznischa mincha ruot sül dombrader chi`d es dat.

a

$$\frac{2}{6} = \frac{4}{\quad}$$

$$\frac{4}{5} = \frac{8}{\quad}$$

b

$$\frac{2}{3} = \frac{6}{\quad}$$

$$\frac{3}{4} = \frac{15}{\quad}$$

c

$$\frac{8}{12} = \frac{2}{\quad}$$

$$\frac{6}{10} = \frac{3}{\quad}$$

d

$$\frac{25}{100} = \frac{5}{\quad}$$

$$\frac{8}{1000} = \frac{1}{\quad}$$

4. Scurznischa mincha ruot tuot quai chi`d es pussibel.

a

$$\frac{4}{8} = \frac{\quad}{\quad}$$

$$\frac{10}{12} = \frac{\quad}{\quad}$$

b

$$\frac{5}{20} = \frac{\quad}{\quad}$$

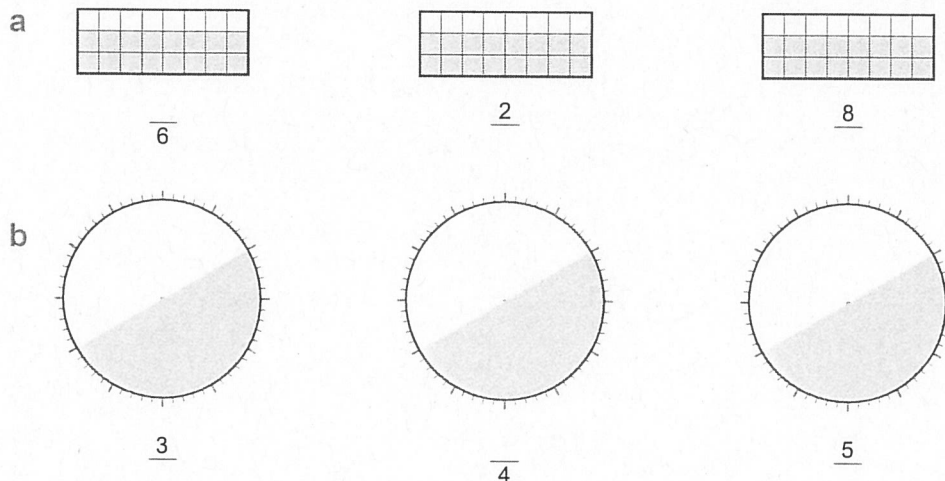
$$\frac{18}{20} = \frac{\quad}{\quad}$$

c

$$\frac{75}{100} = \frac{\quad}{\quad}$$

$$\frac{45}{100} = \frac{\quad}{\quad}$$

1. A chenüns ruots correspuondan las parts culuridas?
 Trapartischa la surfatscha culurida da möd chi vegnan rapreschantats differents
 ruots d'eguala valur. Douvra ils nomnaders chi sun dats.
 Nota ils ruots sco equaziun.



2. Schlargia o scurznischa mincha ruot sül nomnader chi`d es dat.

a $\frac{4}{5} = \frac{\quad}{20}$ b $\frac{4}{24} = \frac{\quad}{6}$ c $\frac{3}{5} = \frac{\quad}{125}$ d $\frac{6}{9} = \frac{\quad}{3}$
 $\frac{3}{7} = \frac{\quad}{21}$ $\frac{24}{60} = \frac{\quad}{5}$ $\frac{8}{20} = \frac{\quad}{5}$ $\frac{7}{12} = \frac{\quad}{60}$

3. Schlargia o scurznischa mincha ruot sül dombrader chi`d es dat.

a $\frac{4}{5} = \frac{16}{\quad}$ b $\frac{10}{24} = \frac{5}{\quad}$ c $\frac{3}{10} = \frac{15}{\quad}$ d $\frac{12}{60} = \frac{2}{\quad}$
 $\frac{9}{20} = \frac{45}{\quad}$ $\frac{35}{100} = \frac{7}{\quad}$ $\frac{18}{30} = \frac{6}{\quad}$ $\frac{8}{12} = \frac{40}{\quad}$

4. Scurznischa mincha ruot tuot quai chi`d es pussibel.

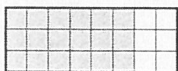
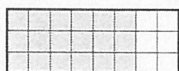
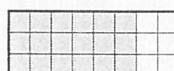
a $\frac{18}{24} = \frac{\quad}{\quad}$ b $\frac{15}{50} = \frac{\quad}{\quad}$ c $\frac{320}{1000} = \frac{\quad}{\quad}$
 $\frac{16}{48} = \frac{\quad}{\quad}$ $\frac{35}{60} = \frac{\quad}{\quad}$ $\frac{750}{1000} = \frac{\quad}{\quad}$

1. A chenüns ruots correspuondan las parts culuridas?

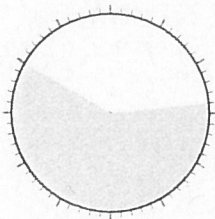
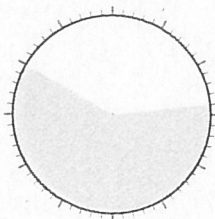
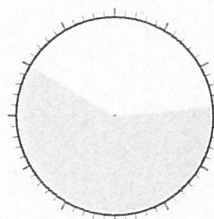
Trapartischa la surfatscha culurida da möd chi vegnan rapreschantats differents ruots d'eguala valur. Douvra ils nomnaders chi sun dats.

Nota ils ruots sco equaziun.

a

 $\frac{\quad}{12}$  $\frac{\quad}{8}$  $\frac{36}{\quad}$

b

 $\frac{6}{\quad}$  $\frac{\quad}{5}$  $\frac{18}{\quad}$

2. Cumplettescha cul dombrader, uschè cha l'equaziun es güsta.

a

$$\frac{3}{9} = \frac{\quad}{6}$$

$$\frac{3}{6} = \frac{\quad}{8}$$

b

$$\frac{9}{12} = \frac{\quad}{8}$$

$$\frac{6}{9} = \frac{\quad}{12}$$

c

$$\frac{6}{10} = \frac{\quad}{15}$$

$$\frac{10}{50} = \frac{\quad}{20}$$

d

$$\frac{6}{8} = \frac{\quad}{20}$$

$$\frac{25}{40} = \frac{\quad}{1000}$$

3. Cumplettescha cul nomnader, uschè cha l'equaziun es güsta.

a

$$\frac{3}{12} = \frac{2}{\quad}$$

$$\frac{2}{10} = \frac{3}{\quad}$$

b

$$\frac{16}{24} = \frac{6}{\quad}$$

$$\frac{10}{12} = \frac{15}{\quad}$$

c

$$\frac{12}{16} = \frac{9}{\quad}$$

$$\frac{9}{15} = \frac{36}{\quad}$$

d

$$\frac{25}{100} = \frac{3}{\quad}$$

$$\frac{9}{24} = \frac{375}{\quad}$$

4. Scurznischa mincha ruot tuot quai chi'd es pussibel.

a

$$\frac{120}{168} = \frac{\quad}{\quad}$$

$$\frac{96}{108} = \frac{\quad}{\quad}$$

b

$$\frac{13}{65} = \frac{\quad}{\quad}$$

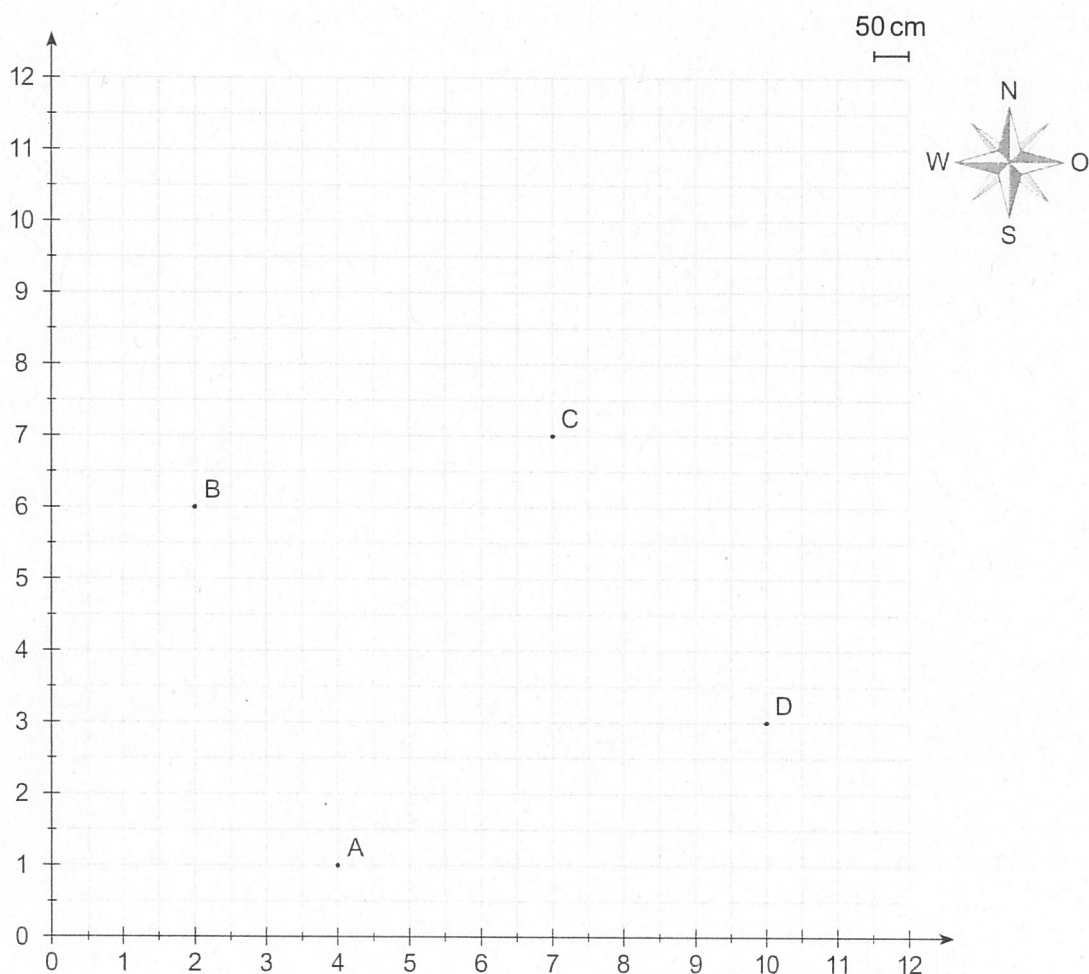
$$\frac{17}{85} = \frac{\quad}{\quad}$$

c

$$\frac{540}{720} = \frac{\quad}{\quad}$$

$$\frac{1375}{1550} = \frac{\quad}{\quad}$$

1. Puncts aint il system da coordinatas



- a Determinescha las coordinatas dals puncts segnats. Douvra il geotriangul. Nota las coordinatas.

A B C D

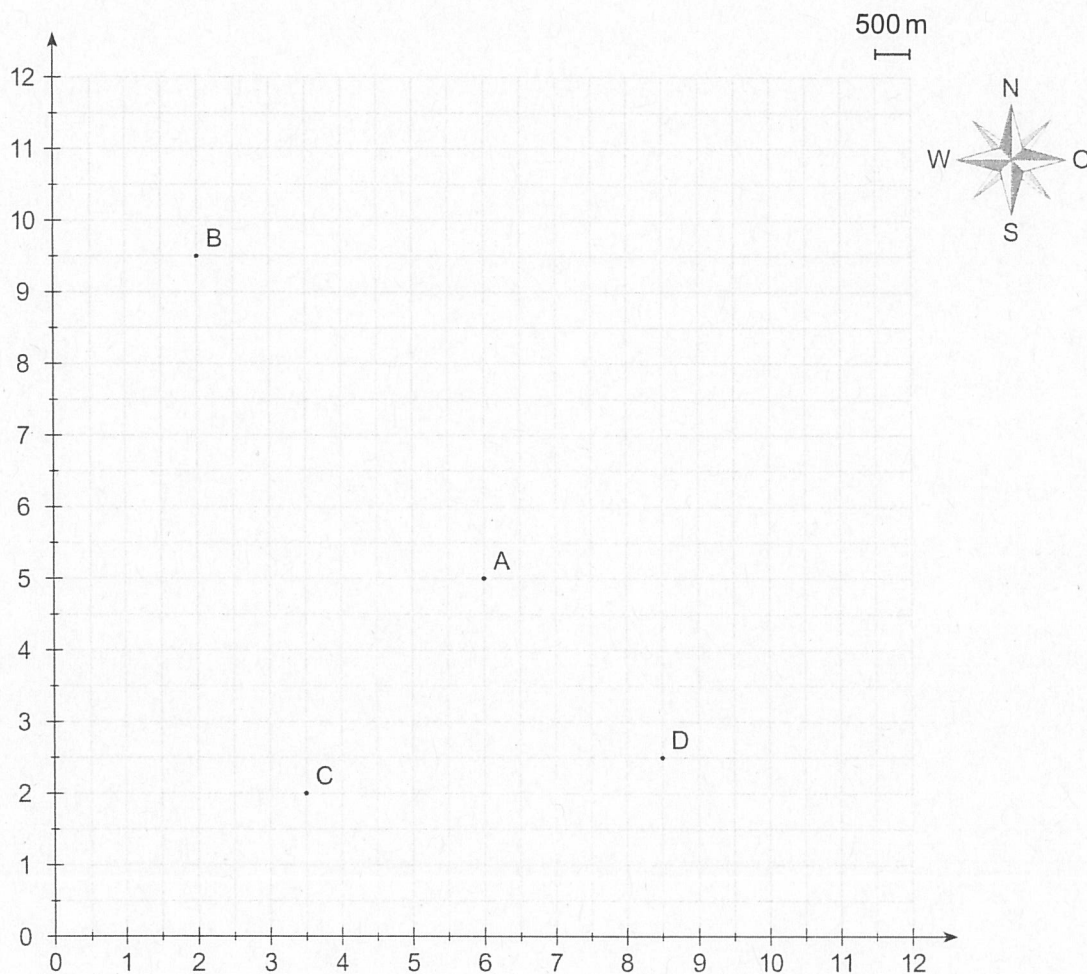
- b Segna ils puncts aint il sistem da coordinatas. Douvra il geotriangul.

E (2/2) F (6/4) G (1/8) H (4/6)

- c Parta pro (3/3).
Va 5 m vers ost, 3 m vers nord e 2 m vers vest.

- Disegna la via aint il sistem da coordinatas.
- Determinescha las coordinatas dal böt.

1. Puncts aint il system da coordinatas



- a Determescha las coordinatas dals puncts segnats. Douvra il geotriangul. Nota las coordinatas.

A _____ B _____ C _____ D _____

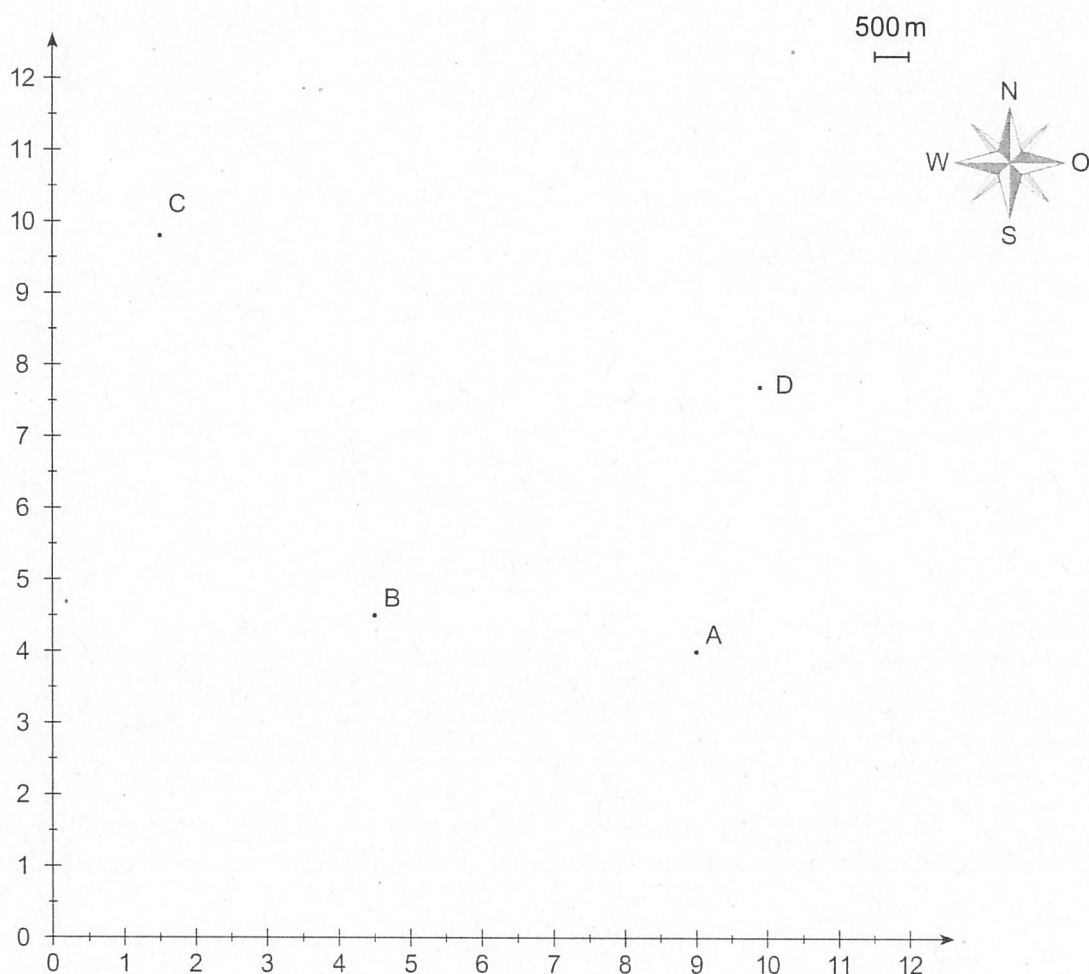
- b Segna ils puncts aint il sistem da coordinatas. Douvra il geotriangul.

E (3/4.5) F (5.5/2.5) G (10/1.2) H (0.5/7.7)

- c Parta pro (10/7). Va 5.5 km vers vest, 3.5 km vers süd, 4.5 km vers ost, 7.5 km vers nord, 2 km vers vest e 2.5 km vers süd.

- Disegna la via aint il sistem da coordinatas.
- Determescha las coordinatas dal böt.

1. Puncts aint il system da coordinatas



- a Determinescha las coordinatas dals puncts segnats. Douvra il geotriangul. Nota las coordinatas.

A _____ B _____ C _____ D _____

- b Segna ils puncts aint il sistem da coordinatas. Douvra il geotriangul.

E (1.5/4) F (7.5/3.5) G (9.1/2) H (3.3/8.8)

- c Parta pro (5.5/2.5). Va 3.5 km vers vest, 1.3 km vers süd, 700 m vers ost, 5.6 km vers nord, 3.9 km vers ost, 3.5 km vers nord, 1100 m vers vest e 7.8 km vers süd.

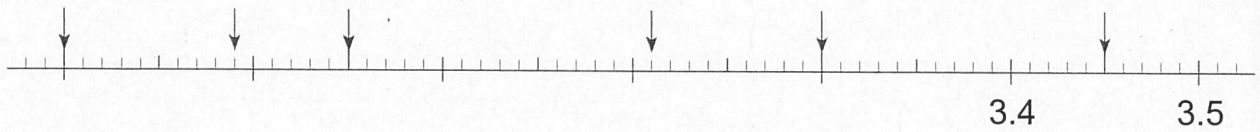
- Disegna la via aint il sistem da coordinatas.
- Determinescha las coordinatas dal böt.

1. Chenüns nomers sun segnats cun üna frizza?

a



b



2. Segna il lö da mincha nomer cun üna frizza. Scriva pro il nomer.

a 2.7, 0.1, 6.2, 5.5, 3.9, 2

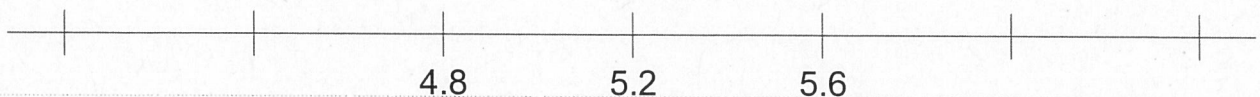


b 10, 12.9, 6.8, 11.5, 8.2, 7.8

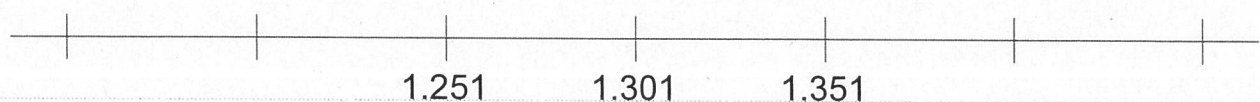


3. Dombra in pass inavant ed inavo. Cumplettescha culs nomers decimals.

a

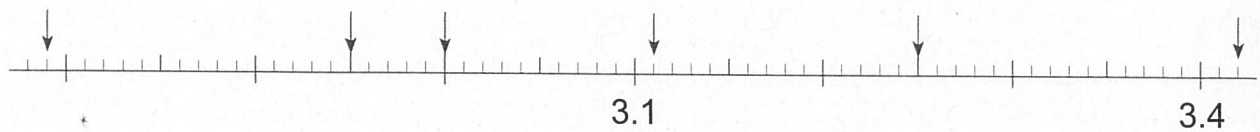


b

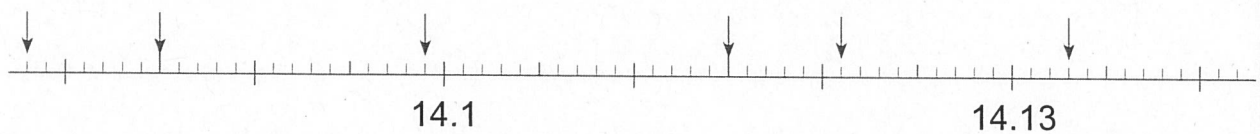


1. Chenüns nomers sun segnats cun üna frizza?

a

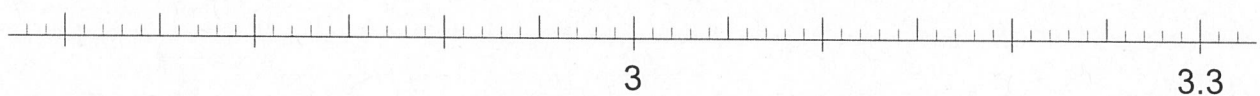


b

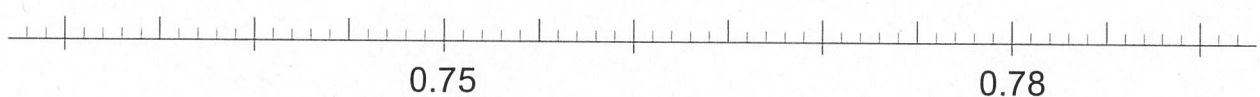


2. Segna il lö da mincha nomer cun üna frizza. Scriva pro il nomer.

a 3.31, 2.69, 2.8, 3.03, 3.2, 2.95

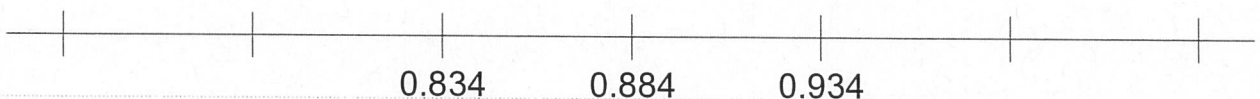


b 0.735, 0.79, 0.762, 0.741, 0.777, 0.73

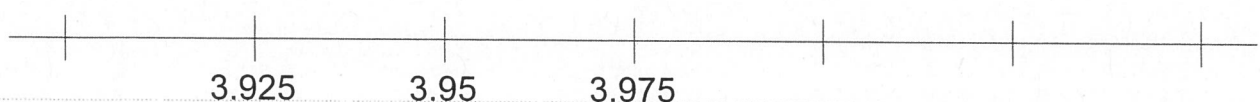


3. Dombra in pass inavant ed inavo. Cumplettescha culs nomers decimas.

a

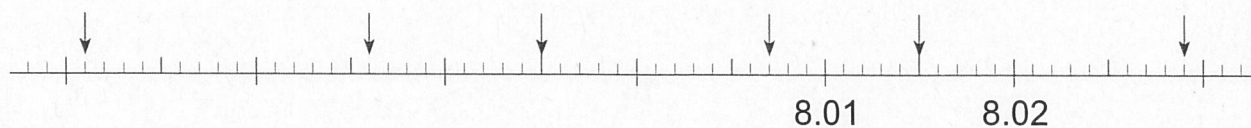


b

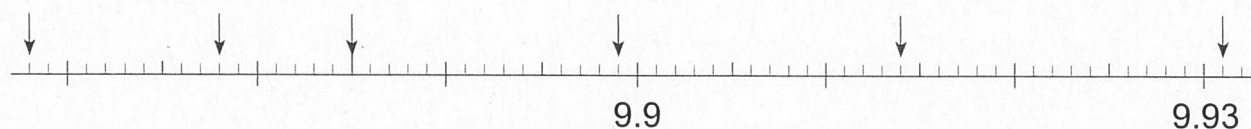


1. Chenüns nomers sun segnats cun üna frizza?

a

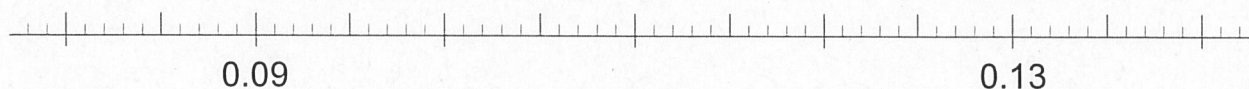


b

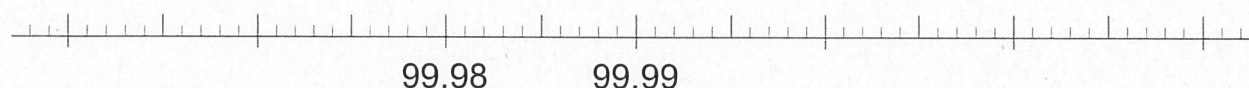


2. Segna il lö da mincha nomer cun üna frizza. Scriva pro il nomer.

a 0.095, 0.115, 0.078, 0.137, 0.104, 0.08

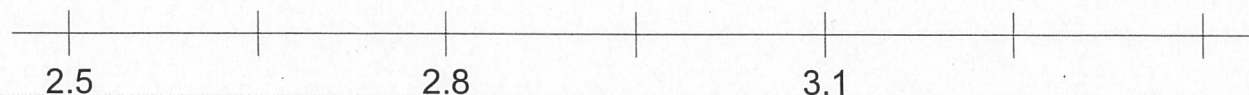


b 99.958, 100.01, 99.97, 99.995, 100.001, 100.021

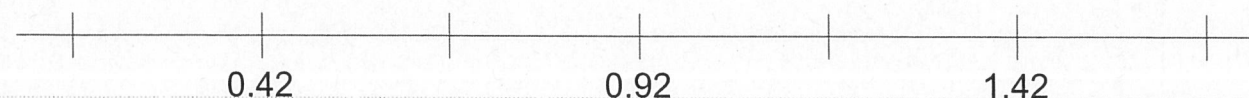


3. Dombra in pass inavant ed inavo. Cumplettescha culs nomers decimals.

a



b



1. Segna il lö da mincha ruot cun üna frizza sur il raz da nomers.
 Segna il lö da mincha nomer decimal cun üna frizza suot il raz da nomers.
 Scriva pro ils nomers.

a $\frac{1}{2}$ $\frac{1}{5}$ $\frac{1}{4}$ $\frac{7}{10}$ 0.5 0.25 0.7 0.2



b $\frac{8}{10}$ $\frac{3}{5}$ $\frac{3}{4}$ $\frac{30}{100}$ 0.75 0.3 0.8 0.6



c $\frac{9}{10}$ $\frac{65}{100}$ $\frac{2}{5}$ $\frac{22}{100}$ 0.4 0.65 0.22 0.9



2. Scriva il ruot sco nomer decimal.

a $\frac{1}{4} =$

$\frac{1}{8} =$

$\frac{1}{10} =$

b $\frac{2}{4} =$

$\frac{2}{8} =$

$\frac{2}{10} =$

c $\frac{1}{1000} =$

$\frac{11}{1000} =$

$\frac{111}{1000} =$

3. Scriva il nomer decimal sco ruot.

a 0.125 =

0.375 =

0.625 =

b 0.2 =

0.02 =

0.002 =

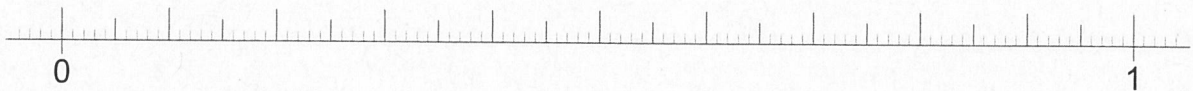
c 0.888 =

0.88 =

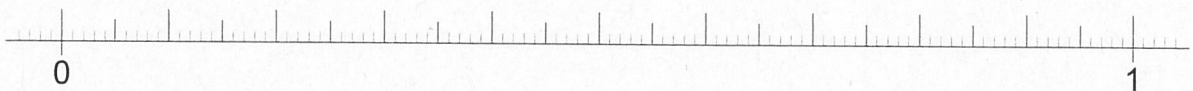
0.8 =

1. Segna il lö da mincha ruot cun üna frizza sur il raz da nomers.
 Segna il lö da mincha nomer decimal cun üna frizza suot il raz da nomers.
 Scriva pro ils nomers.

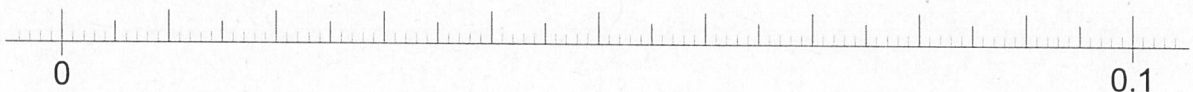
a $\frac{1}{20}$ $\frac{24}{25}$ $\frac{10}{50}$ $\frac{33}{50}$ 0.2 0.66 0.45



b $\frac{62}{100}$ $\frac{1}{20}$ $\frac{1}{25}$ $\frac{17}{20}$ 0.72 0.06 0.85



c $\frac{1}{50}$ $\frac{1}{40}$ $\frac{17}{200}$ $\frac{3}{250}$ 0.025 0.008 0.085



2. Scriva il ruot sco nomer decimal.

a $\frac{1}{8} =$

$\frac{5}{8} =$

$\frac{7}{8} =$

b $\frac{17}{50} =$

$\frac{13}{20} =$

$\frac{11}{25} =$

c $\frac{5}{4} =$

$\frac{7}{5} =$

$\frac{19}{8} =$

3. Scriva il nomer decimal sco ruot.

a 0.325 =

0.6 =

0.15 =

b 0.8 =

0.18 =

0.188 =

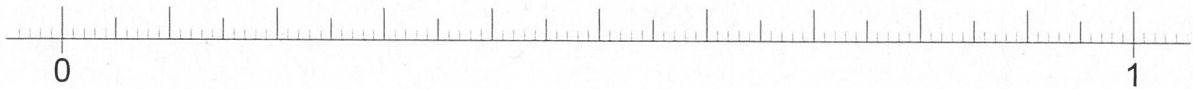
c 1.2 =

1.8 =

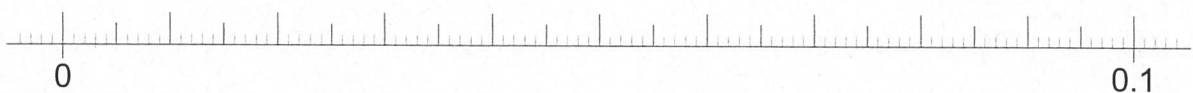
2.75 =

1. Segna il lö da mincha ruot cun üna frizza sur il raz da nomers.
 Segna il lö da mincha nomer decimal cun üna frizza suot il raz da nomers.
 Scriva pro ils resultats e'ls nomers.

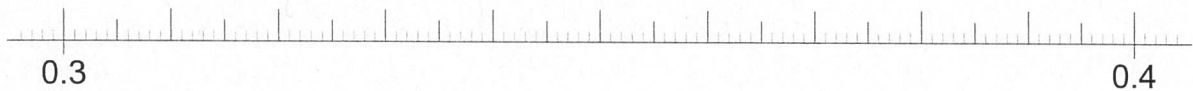
a $\frac{14}{40}$ $\frac{1}{8}$ $\frac{33}{150}$ $\frac{6}{25}$ 0.2 0.77 0.855



b $\frac{3}{50}$ $\frac{2}{25}$ $\frac{7}{250}$ $\frac{14}{350}$ 0.02 0.062 0.007



c $\frac{21}{60}$ $\frac{3}{8}$ $\frac{8}{25}$ $\frac{158}{500}$ 0.67 : 2 3.89 : 10 315 : 1000



2. Scriva il ruot sco nomer decimal.

a $\frac{13}{20} =$ _____
 $\frac{45}{50} =$ _____
 $\frac{7}{8} =$ _____

b $\frac{4}{25} =$ _____
 $\frac{12}{15} =$ _____
 $\frac{420}{600} =$ _____

c $\frac{84}{80} =$ _____
 $\frac{666}{300} =$ _____
 $\frac{25}{20} =$ _____

3. Scriva il nomer decimal sco ruot.

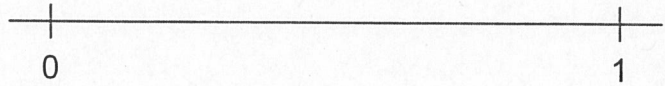
a 0.008 = _____
 0.8 = _____
 0.08 = _____

b 0.14 = _____
 0.014 = _____
 1.4 = _____

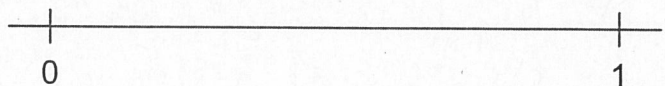
c 1.92 = _____
 2 = _____
 1.375 = _____

1. Ordinescha ils nomers sül strich per far quints.

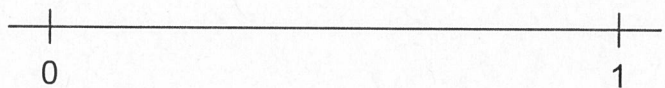
a $\frac{3}{5}$ $\frac{1}{4}$ $\frac{7}{8}$ 0.5



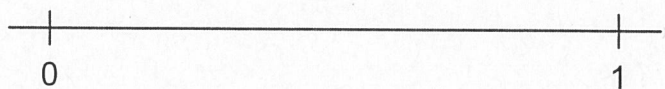
b $\frac{4}{10}$ $\frac{4}{8}$ $\frac{4}{6}$ 0.5



c $\frac{2}{7}$ $\frac{2}{5}$ $\frac{3}{5}$ 0.5



d $\frac{7}{8}$ $\frac{5}{12}$ $\frac{3}{4}$ 0.5



2. Conguala ils duos nomers. Cumplettescha cul segn chi s cunfà (< , > o =).

a $\frac{2}{3}$ $\frac{8}{12}$

$\frac{3}{4}$ $\frac{6}{12}$

$\frac{2}{9}$ $\frac{5}{18}$

$\frac{2}{5}$ $\frac{12}{20}$

b $\frac{6}{9}$ $\frac{6}{8}$

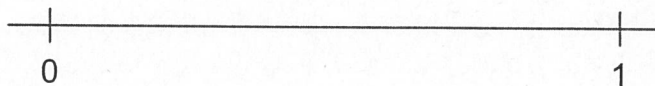
$\frac{2}{12}$ $\frac{8}{9}$

$\frac{5}{6}$ $\frac{11}{12}$

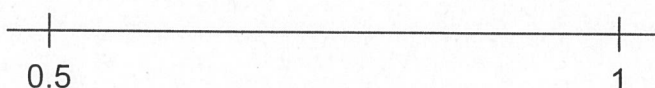
$\frac{2}{3}$ $\frac{3}{4}$

1. Ordinescha ils nomers sül strich per far quints.

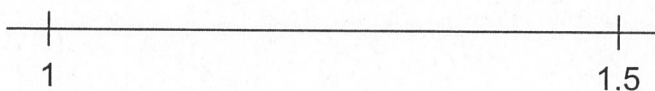
a $\frac{2}{3}$ $\frac{8}{9}$ $\frac{8}{12}$ 0.5 0.6



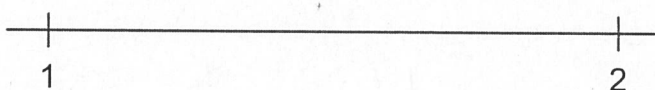
b $\frac{15}{20}$ $\frac{9}{15}$ $\frac{7}{10}$ 0.65 0.8



c $\frac{5}{4}$ $\frac{9}{8}$ $\frac{115}{100}$ 1.3 1.2



d $\frac{6}{5}$ $\frac{90}{50}$ $\frac{125}{100}$ 1.5 1.1



2. Conguala ils duos nomers. Cumplettescha cul segn, chi s cunfà ($<$, $>$ o $=$).

a $\frac{3}{5}$ $\frac{10}{15}$

$\frac{12}{18}$ $\frac{4}{9}$

$\frac{14}{15}$ $\frac{15}{16}$

$\frac{15}{18}$ $\frac{10}{12}$

b $\frac{9}{27}$ $\frac{2}{18}$

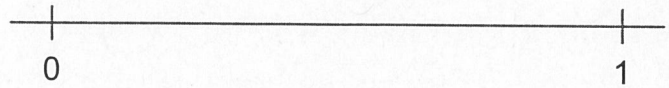
$\frac{2}{8}$ $\frac{3}{9}$

$\frac{3}{5}$ $\frac{5}{8}$

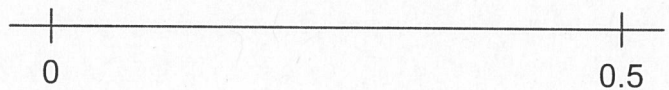
$\frac{4}{9}$ $\frac{6}{11}$

1. Ordinescha ils nomers sül strich per far quints.

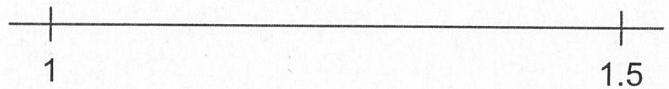
a $\frac{5}{15}$ $\frac{3}{12}$ $\frac{96}{192}$ 0.6



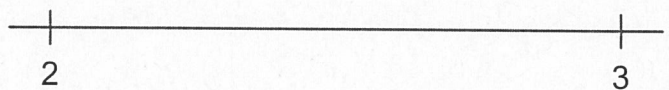
b $\frac{22}{88}$ $\frac{6}{27}$ $\frac{4}{14}$ 0.2



c $\frac{9}{8}$ $\frac{27}{20}$ $\frac{366}{300}$ 1.2 1.3



d $\frac{11}{4}$ $\frac{15}{7}$ $\frac{160}{60}$ 2.3 2.7



2. Conguala ils duos nomers. Cumplettescha cul segn chis cunfà (< , > o =).

a $\frac{3}{8}$ $\frac{6}{10}$

$\frac{7}{12}$ $\frac{5}{8}$

$\frac{4}{9}$ $\frac{3}{8}$

$\frac{4}{12}$ $\frac{6}{11}$

b $\frac{9}{36}$ $\frac{5}{25}$

$\frac{8}{28}$ $\frac{6}{27}$

$\frac{246}{100}$ $\frac{14}{5}$

$\frac{25}{30}$ $\frac{35}{80}$

1. Fa ora las valurs, da maniera cha tuot ils pêrins da valurs sun proporziunals.

a

temp	traget
5 min	
30 min	36 km
1 h	
2 h 30 min	

sveltezza (in km/h):

b

traget	temp
1 km	
2 km	10 min
5 km	
12 km	

sveltezza (in km/h):

c

quantità	predsch
1 toc	
2 tocs	
6 tocs	9 fr.
22 tocs	

predsch al toc (in fr./toc):

d

predsch	quantità
2 fr.	
16 fr.	800 g
20 fr.	
36 fr.	

predsch al kg (in fr./kg):

2. Cumplettescha la tabella cun pêrins da valurs proporziunals, per cha tû possast calcular la valor tscherchada.

a sveltezza: 40 km/h

40 km	—	1 h
50 km	—	?

b sveltezza: 120 km/h

120 km	—	1 h
200 km	—	?

c predsch al kg: 2.50 fr./kg

1 kg	—	2.50 fr.
2.5 kg	—	?

d predsch al kg: 20 fr./kg

20 fr.	—	1 kg
64 fr.	—	?

1. Fa ora las valurs, da maniera cha tuot ils pêrins da valurs sun proporziunals.

a

traget	temp
1 km	
8 km	
32 km	8 min
240 km	

sveltezza (in km/h):

b

dürada	quantità d'aua
15 s	
30 s	7 l
3 min	
4 min 30 s	

aua chi cula (in l/min):

c

plan	realità
1 mm	
1 cm	20 cm
8 cm	
20 cm	

proporziun 1 :

d

realità	plan
2 m	
5 m	
20 m	4 cm
22 m	

proporziun 1 :

2. Cumplettescha la tabella cun pêrins da valurs proporziunals, per cha tü possast calcular la valur tscherchada.

a predscha al kg: 7.50 Fr./kg

7.50 Fr.	—	1 kg
3 Fr.	—	?

b sveltezza dal tun: 333 m/s

1 s	—	333 m
3.3 s	—	?

c consüm da benzin: 4 cl/km

4 cl	—	1 km
42 l	—	?

d part da l'aua in ün früt: 70 cl/kg

1 kg	—	70 cl
650 g	—	?

1. Fa oura las valurs, da maniera cha tuot ils pêrins da valuors sun proporziunals.

a

dürada	quantità d'aua
15 s	
2 min 15 s	
10 min	720 cl
19 min 45 s	

aua chi cula (in cl/min):

b

traget	temp
1.5 km	
2 km	
5.5 km	
7.5 km	12 min

sveltezza (in km/h):

c

charta geografica	realità
2 mm	
1 cm	
1.4 cm	350 m
3.2 cm	

proporziun 1 :

d

realità	charta geografica
300 m	
750 m	5 mm
3 km	
10.5 km	

proporziun 1 :

2. Cumplettescha la tabella cun pêrins da valurs proporziunals, per cha tü possast calcular la valor tscherchada.

a predsch fix al kil

7.50 Fr.	—	2 kg
78 Fr.	—	?

b sveltezza constanta

4 h	—	340 km
1 h 15 min	—	?

c part da l'aua in ün früt

2 kg 250 g	—	1.5 l
1 kg 750 g	—	?

d au chi cula our da la spina

1 min 48 s	—	16.2 cl
1 h	—	?

1. Ergänze die fehlenden Werte.

- a Eine Anzahl Personen wird gleichmässig auf verschiedene Kurse verteilt.

Anzahl Kurse	–	Personen pro Kurs
1	–	240
2	–	
3	–	
8	–	

Gesamtanzahl der Personen:

- b Sand wird gleichmässig in Säcke abgefüllt.

Anzahl Säcke	–	Gewicht pro Sack
1	–	
2	–	6 kg
3	–	
6	–	

Gesamtgewicht des Sandes:

- c Ein Papierstreifen wird in gleich lange Teile zerschnitten.

Anzahl Teile	–	Länge der Teile
2	–	
5	–	20 cm
10	–	
50	–	

Gesamtlänge des Streifens:

- d Eine Menge Flüssigkeit wird gleichmässig in Flaschen abgefüllt.

Anzahl Flaschen	–	Inhalt pro Flasche
2	–	
4	–	
8	–	60 cl
12	–	

Gesamtmenge der Flüssigkeit:

2. Bestimme die Anzahl Packungen.

- a 12 Netze mit je 5 Zucchetti werden so umgepackt, dass es in jedem Netz 6 Zucchetti hat. Wie viele Netze gibt es nun?

- b 10 Erdbeerkörbchen zu 150 g werden in Körbchen zu 250 g umgefüllt. Wie viele Körbchen gibt es nun?

1. Cumplettescha cullas valurs chi mancan.

- a Üna quantità persunas vain scumpartida egualmaing sün differents cuors.

quantità da cuors	—	persunas per cuors
2	—	
3	—	80
6	—	
8	—	

nomer total da persunas:

- b Üna quantità da sablun vain scumparti egualmaing in sachs listess gronds.

quantità da sachs	—	pais per sach
5	—	
7	—	
8	—	35 kg
35	—	

pais total dal sablun

- c Üna sribla da palperi vain tagliada in parts listess lungas.

quantità da parts	—	lunghezza da la p.
8	—	
12	—	
15	—	8 cm
16	—	

lunghezza totala da la sribla:

- d Üna quantità d'ün liquid vain implida egualmaing in butiglias.

quantità butiglias	—	cuntgnü p. butiglia
2	—	
5	—	
20	—	0.3l
30	—	

quantità totala dal liquid:

2. Determiescha la quantità da pakets.

- a 56 chavogninas a 500 g frajas vegnan implidas in chavogninas da 400 g.
-
- Quantas chavogninas daja uschè?

- b 32 raits a 6 zucchettis vegnan implidas in raits ad 8 zucchettis.
-
- Quantas raits daja uschè?

1. Ergänze die fehlenden Werte.

- a Sand wird gleichmässig in Säcke abgefüllt.

Anzahl Säcke	—	Gewicht pro Sack
30	—	
42	—	1.5 kg
45	—	
50	—	

Gesamtgewicht des Sandes:

- b Ein Erbe wird gleichmässig auf Personen verteilt.

Anzahl Personen	—	Betrag pro Person
4	—	33 750 Fr.
5	—	
6	—	
.....	—	9000 Fr.

Gesamtbetrag des Erbes:

- c Eine Strecke wird zurückgelegt.

Geschwindigkeit	—	Zeitdauer
15 km/h	—	
24 km/h	—	
27 km/h	—	20 min
.....	—	13 min 30 s

Streckenlänge:

- d Ein Pool wird mit Wasser gefüllt.

Zeitdauer	—	Durchfluss Leitung
.....	—	100 l/min
50 min	—	
37 min 30 s	—	
30 min	—	250 l/min

Fassungsvermögen des Pools:

2. Bestimme die gesuchten Werte.

- a Wenn Marco mit 15 km/h fährt, dauert sein Schulweg 34 min. Wie schnell muss Marco fahren, dass sein Schulweg 30 min dauert?

- b 5 gleiche Maschinen benötigen für einen Auftrag 26 h. Wie lange würden 6 Maschinen für den Auftrag benötigen?

1. Cumplettescha las valurs illa tabella.
Sun ils pêrins da valurs proporziunals? Fa cruschinas.

a Aline legia mincha di 8 paginas.

quantità da dis	—	paginas lettas in tuot
1	—	8
2	—	
	—	24
5	—	
Proportional?	☐ ja	☐ nein

b Flurin legia mincha di listess bleras paginas
d'ün cudesch da 90 paginas.

paginas al di	—	dis, fin cha'l cudesch es let a fin
2	—	45
5	—	
6	—	
	—	10
Proportional?	☐ ja	☐ nein

c Ün cudesch ha 120 paginas.

paginas lettas	—	paginas amo da leger
5	—	115
10	—	
	—	95
119	—	
Proportional?	☐ ja	☐ nein

d Giulia legia 15 paginas il prüm di,
davo be plü 5 paginas al di.

di	—	paginas lettas in tuot
1	—	15
2	—	
3	—	
	—	40
Proportional?	☐ ja	☐ nein

2. Che es güst? Fa cruschinas: proporziunal, proporziunal invers, ne ... ne

a 2 kg mailinterra – 2.10 fr.
5 kg mailinterra – 5.00 fr.
☐ proportional
☐ umgekehrt proportional
☐ weder noch

b 5 chans – 450 g pavel
3 chans – 270 g pavel
☐ proportional
☐ umgekehrt proportional
☐ weder noch

c 6 giats – pavel per 12 dis
8 giats – pavel per 9 dis
☐ proportional
☐ umgekehrt proportional
☐ weder noch

d 42 dis – 7 cudeschs
72 dis – 12 cudeschs
☐ proportional
☐ umgekehrt proportional
☐ weder noch

1. Cumplettescha las valurs illa tabella.
Sun ils pêrins da valurs proporziunals? Fa cruschinas.

a Per mincha panin voula 150 g pasta.

b Cun 3.5 kg pasta as faja panins.

quantità da panins	—	quantità da pasta
12	—	
	—	2.7 kg
25	—	
	—	4.5 kg
Proportional?	☐ ja	☐ nein

quantità da panins	—	quantità da pasta per panin
14	—	
20	—	
	—	125 g
	—	70 g
Proportional?	☐ ja	☐ nein

c Il prüm pan vain fat cun 600 g pasta. Tuot tschels cun 300 g.

d Per ün kil pasta voula 400 g farina.

quantità da pans	—	quantità da pasta totala
2	—	
3	—	
	—	4.2 kg
30	—	
Proportional?	☐ ja	☐ nein

quantità da pasta	—	quantità da farina
600 g	—	
	—	520 g
	—	1 kg
3.3 kg	—	
Proportional?	☐ ja	☐ nein

2. Che es güst? Fa cruschinas: proporziunal, proporziunal invers, ne ... ne.

a 4 kg — 7.00 fr.

150 kg — 262.50 fr.

- ☐ proportional
☐ umgekehrt proportional
☐ weder noch

b 7 tocs — 18 cm al toc

6 tocs — 21 cm al toc

- ☐ proportional
☐ umgekehrt proportional
☐ weder noch

c 6 km/h — 48 min

15 km/h — 18 min

- ☐ proportional
☐ umgekehrt proportional
☐ weder noch

d 600 m — 7.5 min

700 m — 9.0 min

- ☐ proportional
☐ umgekehrt proportional
☐ weder noch

1. Cumplettescha las valurs illa tabella.
Sun ils pêrins da valurs proporziunals? Fa cruschinas.

a Ün automobilist fa ün traget da 120 km.

dürada	–	sveltezza media
	–	75 km/h
	–	50 km/h
2 h 40 min	–	
	–	36 km/h
Proportional?	☐ ja	☐ nein

b Ün auto fa il 1. min cun 8 m/s, mincha prossem min 1 m/s plü svelt co quel avant.

dürada totala	–	traget total
2 min	–	
3 min	–	
	–	3000 m
8 min	–	
Proportional?	☐ ja	☐ nein

c Ün automobilist viagia cun ün sveltezza da 54 km/h.

dürada	–	traget total
7 s	–	
	–	2.1 km
18 min 20 s	–	
1 h 23 min	–	
Proportional?	☐ ja	☐ nein

d Ün auto es in viadi d'ürant 24 min.

traget total	–	sveltezza media
22 km	–	
	–	35 km/h
	–	30 km/h
10 km	–	
Proportional?	☐ ja	☐ nein

2. Che es güst? Fa cruschinas: proporziunal, proporziunal invers, ne ... ne

a 6.44 l – 140 km

9.2 l – 200 km

- ☐ proportional
☐ umgekehrt proportional
☐ weder noch

b 80 cl/min – 15 h

2.5 l/min – 4.8 h

- ☐ proportional
☐ umgekehrt proportional
☐ weder noch

c 4 min 30 s – 8 km/h

14 min 24 s – 2.5 km/h

- ☐ proportional
☐ umgekehrt proportional
☐ weder noch

d 4 h – 28.8 km

8 s – 16 m

- ☐ proportional
☐ umgekehrt proportional
☐ weder noch