

## MAT 13. 4. do 17. 4. 2020

### 1. ura

Nadaljujeva s PROSTORNINO. Torej z merjenjem koliko prostora zavzemajo tekočine.

- Ponoviva. Beri na glas in ustno dopolni.

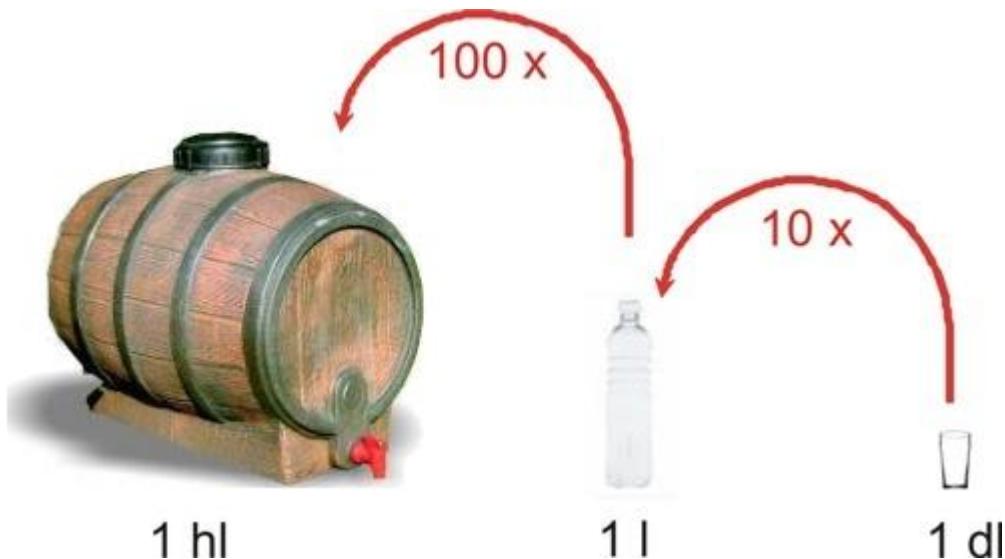
1 deciliter krajše zapišemo 1 \_\_\_\_.

1 liter krajše zapišemo 1 \_\_\_\_.

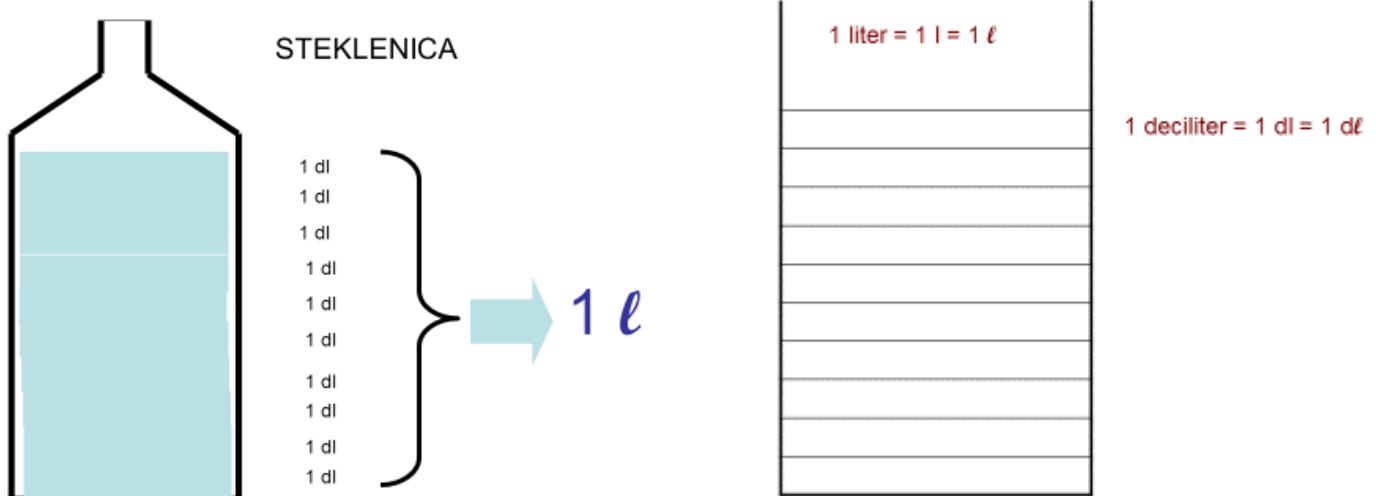
1 hektoliter krajše zapišemo 1 \_\_\_\_.

1 liter je enako \_\_\_\_ decilitrov.

1 hektoliter je enako \_\_\_\_ litrov.



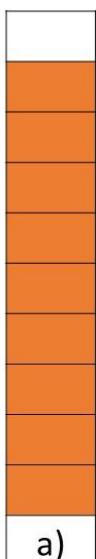
- Se še spomniš?



❖ Reši naloge.

**VAJA**      **datum**

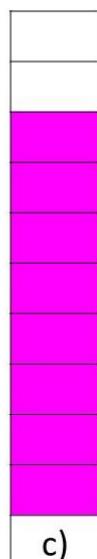
1. Koliko dl tekočine je v posodah, ki držijo 1 ℥? Napiši odgovore v zvezek: a) \_\_\_\_dl, b) \_\_\_\_dl, c) \_\_\_\_dl, ...



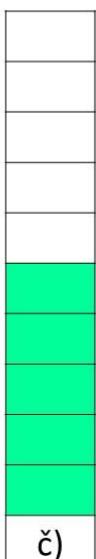
a)



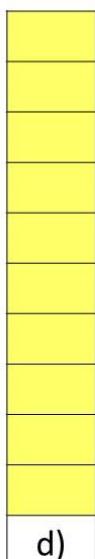
b)



c)



č)



d)

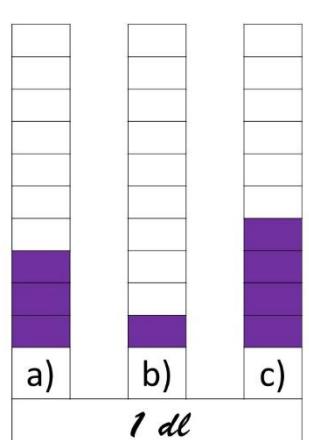
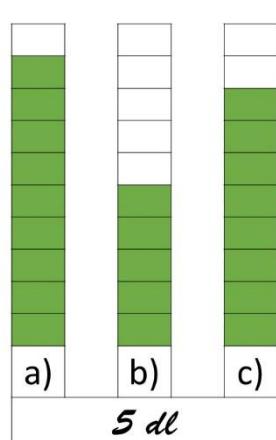
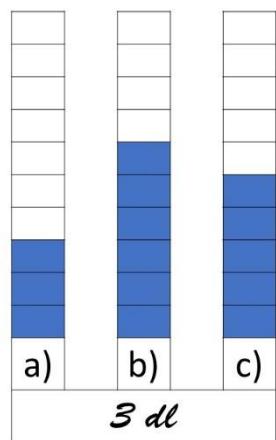
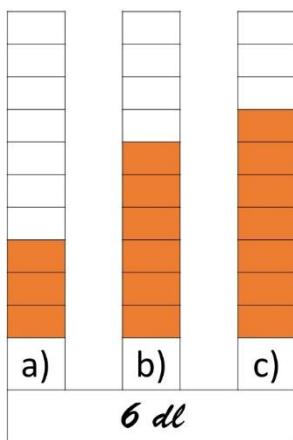


e)

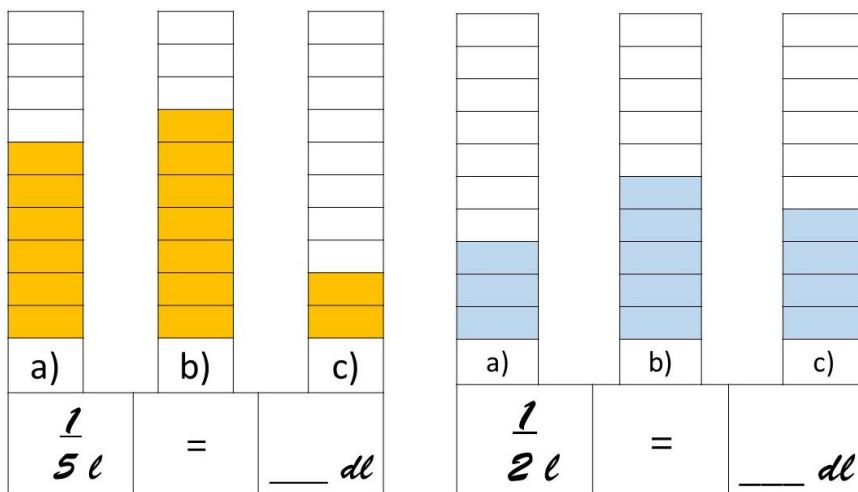
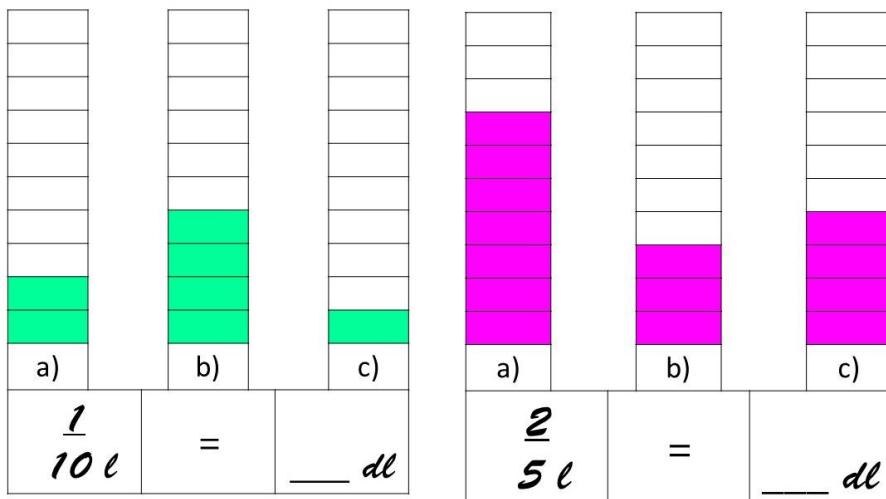
Koliko *dl* vode je v litrskih posodah?

Koliko *dl* vode je v litrskih posodah?

2. Katera posoda prikazuje pravo količino tekočine? V zvezek zapiši pravo črko a, b ali c.



3. Katera posoda prikazuje pravo količino? Napiši pravilno črko, prepiši količino in jo pretvori v  $dl$ .



4. Še malo povadiva pretvarjanje. Ampak, ne govoriva o pretvarjanju, da si



$$2 \ell = \underline{\hspace{2cm}} dl \quad 7 dl = \underline{\hspace{2cm}} \ell$$

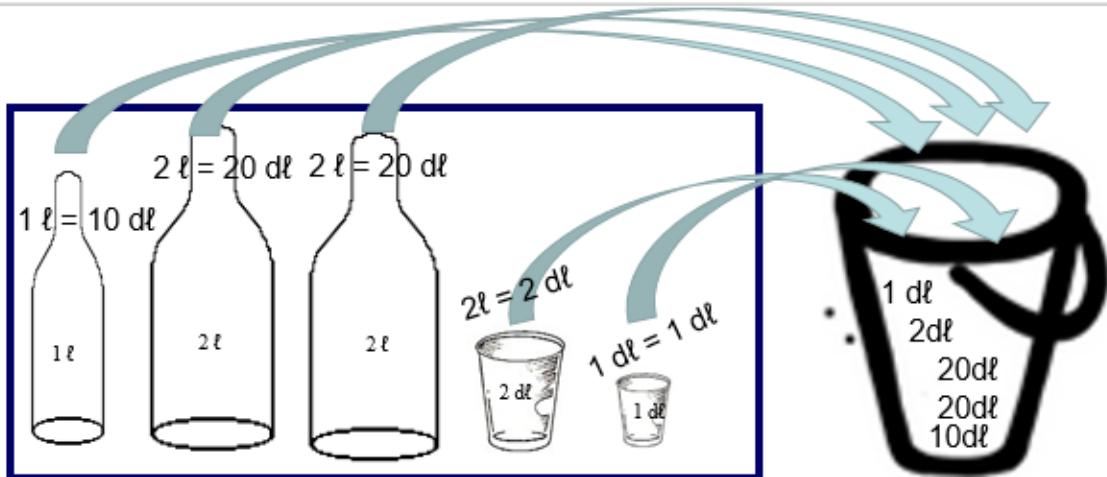
$$5 hl = \underline{\hspace{2cm}} \ell \quad 300 \ell = \underline{\hspace{2cm}} hl$$

$$3 \ell = \underline{\hspace{2cm}} dl \quad 15 \ell = \underline{\hspace{2cm}} dl$$

## 2. ura

Iz dl v l in obratno že gre, iz hl v l in obratno tudi.

Kaj pa tole? **5 l 3 dl** želiva spremeniti v **dl**. Poskusiva takole:



$$5 \text{ l } 3 \text{ dl} = \underline{\quad} \text{ dl}$$

Poglejva še en primer.

Ta podatek bomo spremenili v dl

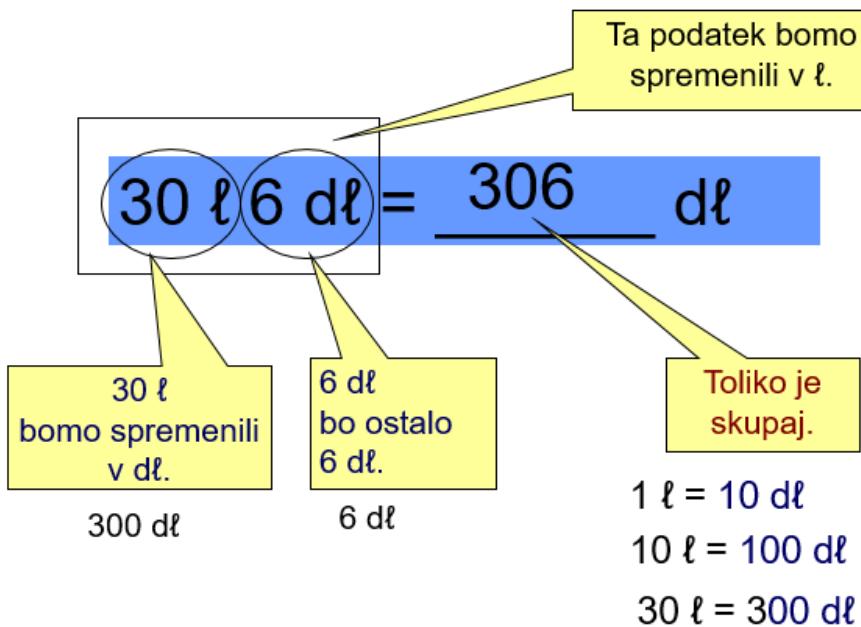
$$2 \text{ l } 5 \text{ dl} = \underline{\quad} \text{ dl}$$

2 l bomo spremenili v dl.  
20 dl

5 dl bo ostalo 5 dl.

Toliko je skupaj.

## Kaj pa če je litrov malo več?



Preveriva, če gre. Povadi.

### ❖ VAJA datum

#### 1. Pretvori.

$1 \text{ l} = \dots \text{ dl}$

$1 \text{ l } 6 \text{ dl} = \dots \text{ dl}$

$2 \text{ l } 8 \text{ dl} = \dots \text{ dl}$

$6 \text{ l} = \dots \text{ dl}$

$7 \text{ l } 2 \text{ dl} = \dots \text{ dl}$

$45 \text{ l } 6 \text{ dl} = \dots \text{ dl}$

$3 \text{ l} = \dots \text{ dl}$

$5 \text{ l } 9 \text{ dl} = \dots \text{ dl}$

$7 \text{ l } 3 \text{ dl} = \dots \text{ dl}$

$17 \text{ l} = \dots \text{ dl}$

$31 \text{ l } 3 \text{ dl} = \dots \text{ dl}$

$86 \text{ l} = \dots \text{ dl}$

### Zmoreš tudi to?

### DODATNI POUK

Preberi besedilno nalogo in označi pravilen odgovor in račun.

V družini Novak so oče, mama in 4 otroci. V gostilni sta oče in mama naročila vsak po eno kavo po 1 dl ter vsak 2 dl vode. Dva otroka sta naročila vsak po 2 dl jabolčnega soka, dva pa 3 dl limonade. Koliko dl pijače so naročili otroci?

$2 \text{ dl} + 2 \text{ dl} + 3 \text{ dl} + 3 \text{ dl} = 10 \text{ dl}$

Otroci so naročili 10 dl pijače.

$2 \text{ dl} + 3 \text{ dl} = 5 \text{ dl}$

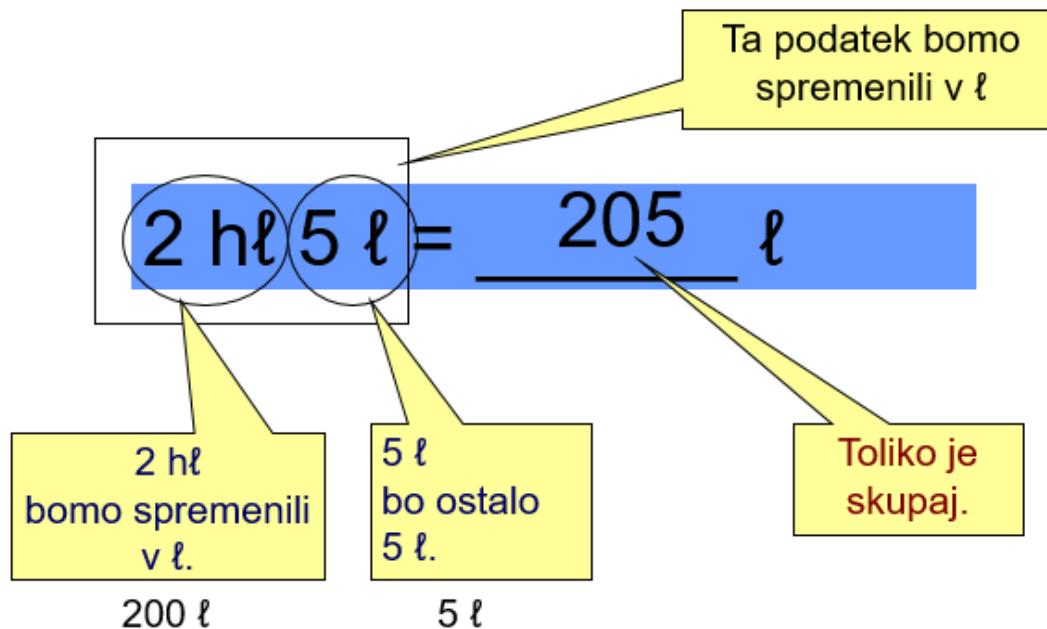
Otroci so naročili 13 dl pijače.

Otroci so naročili 5 dl pijače.

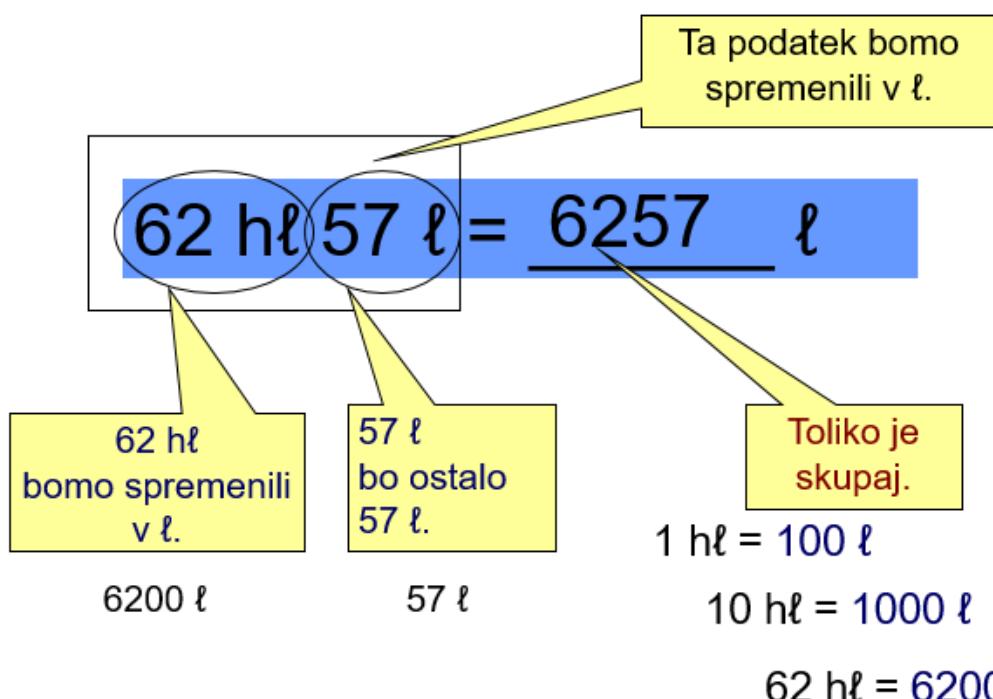
$1 \text{ dl} + 2 \text{ dl} + 4 \text{ dl} + 6 \text{ dl} = 13 \text{ dl}$

### 3. ura

Zdaj pa k hektolitrom.



Kaj pa če je hektolitrov več?



## Bo šlo? Preveriva. Povadi.

❖ VAJA datum

1.

$$6 \text{ ℥} = \underline{\quad} \text{ dℓ}$$

$$7 \text{ hℓ} = \underline{\quad} \text{ ℥}$$

$$4 \text{ hℓ} = \underline{\quad} \text{ ℥}$$

$$30 \text{ hℓ} = \underline{\quad} \text{ ℥}$$

$$14 \text{ hℓ} = \underline{\quad} \text{ ℥}$$

$$15 \text{ ℥} = \underline{\quad} \text{ dℓ}$$

$$5 \text{ hℓ } 9 \text{ ℥} = \underline{\quad} \text{ ℥}$$

$$8 \text{ ℥ } 3 \text{ dℓ} = \underline{\quad} \text{ dℓ}$$

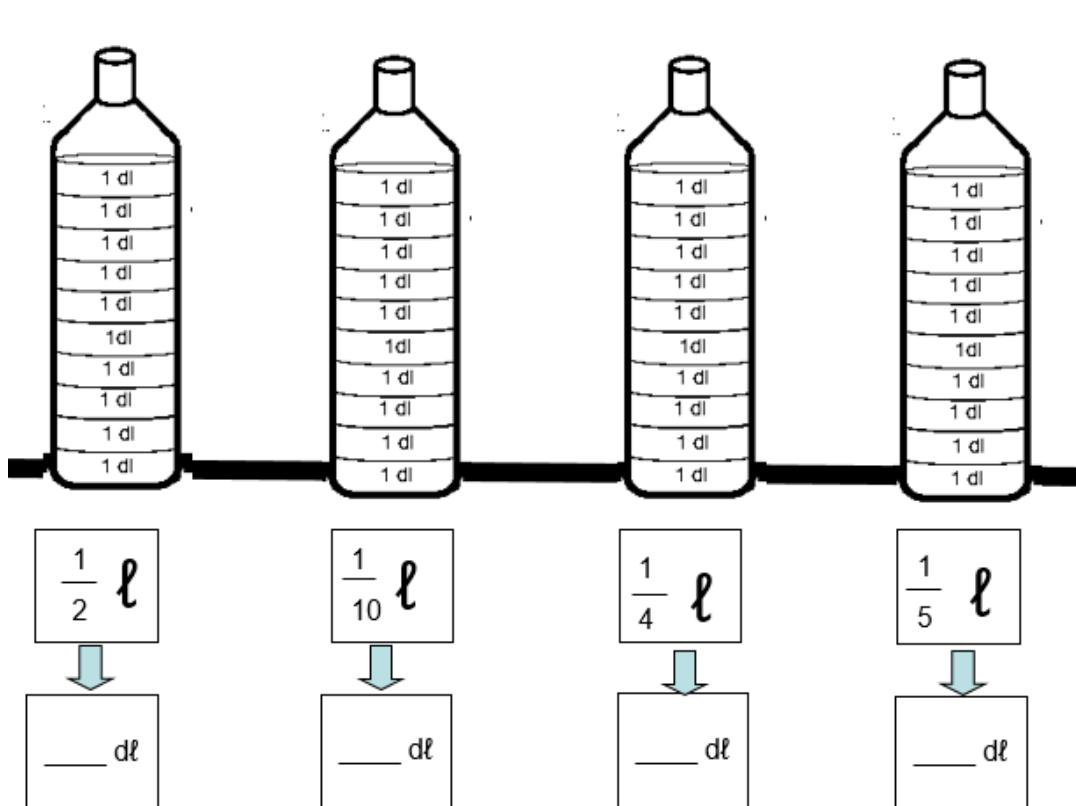
$$8 \text{ hℓ } 20 \text{ ℥} = \underline{\quad} \text{ ℥}$$

$$10 \text{ ℥ } 7 \text{ dℓ} = \underline{\quad} \text{ dℓ}$$

$$20 \text{ hℓ } 4 \text{ ℥} = \underline{\quad} \text{ ℥}$$

$$3 \text{ hℓ } 16 \text{ ℥} = \underline{\quad} \text{ dℓ}$$

2.



A

B

C

D

## Zmoreš tudi to?

## DODATNI POUK

Reši naloge.

1 a. Ena oseba z enim prhanjem povprečno porabi  $1 \text{ h}\ell 40 \text{ l}$  vode.

Z eno kopeljo pa ena oseba porabi kar  $250 \text{ l}$  vode.

Manca se je v ponedeljek, torek in sredo prhala, v četrtek pa si je privoščila kopel.

Koliko  $\text{h}\ell$  in  $\text{l}$  vode je porabila v teh štirih dneh za prhanje in kopanje?

Koliko litrov vode bi prihranila, če bi se v četrtek prhala namesto kopala?



Odgovor: .....

Odgovor: .....

1 b. Koliko  $\text{h}\ell$  vode v enem dnevu porabi za kopanje štiričlanska družina, če se vsak enkrat okopa?

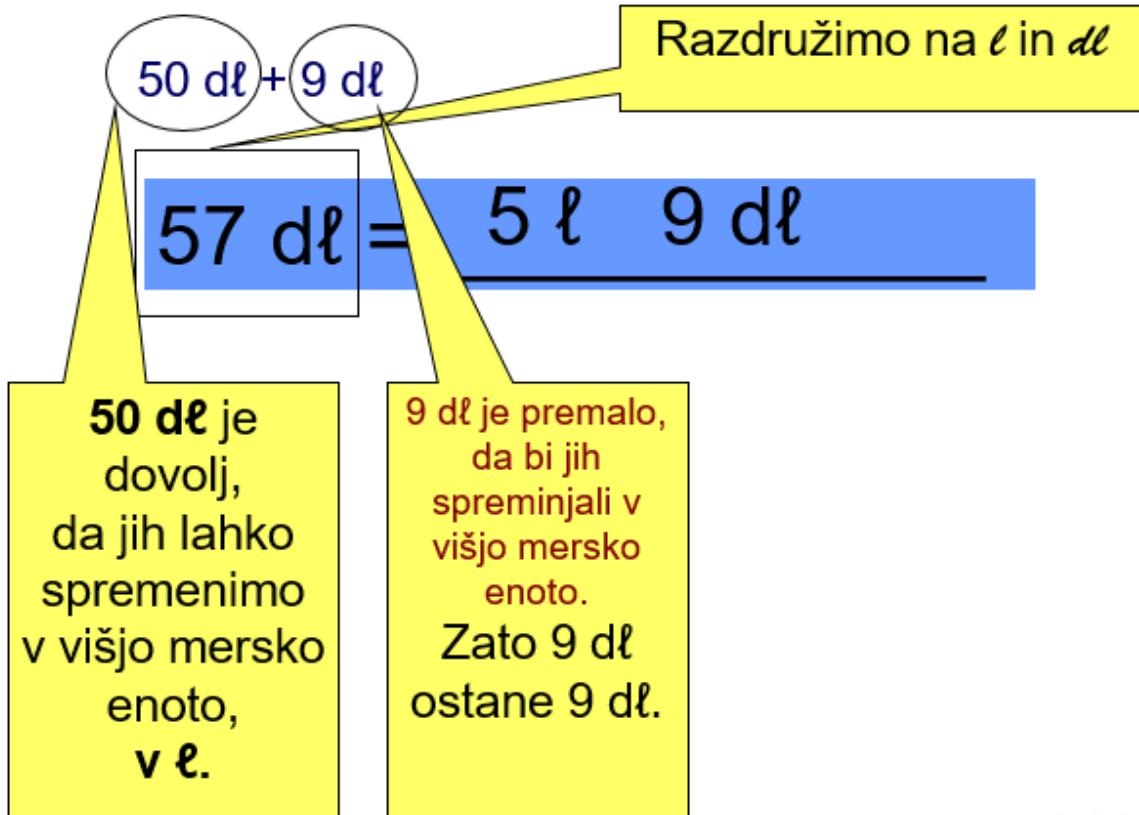
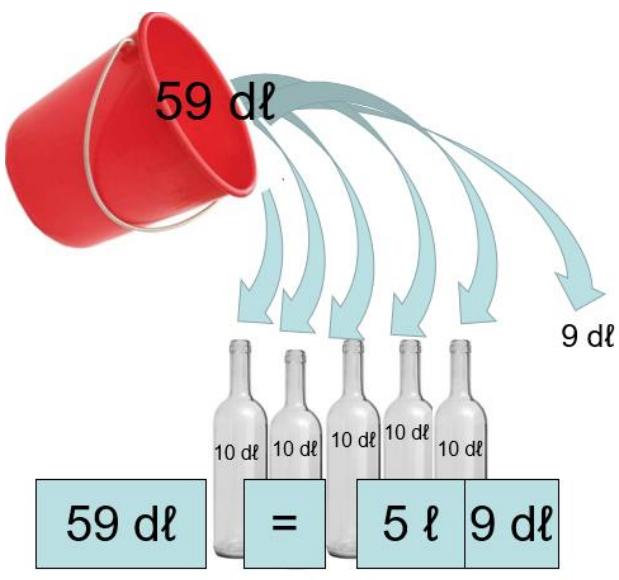
Odgovor: .....

## 4. Ura

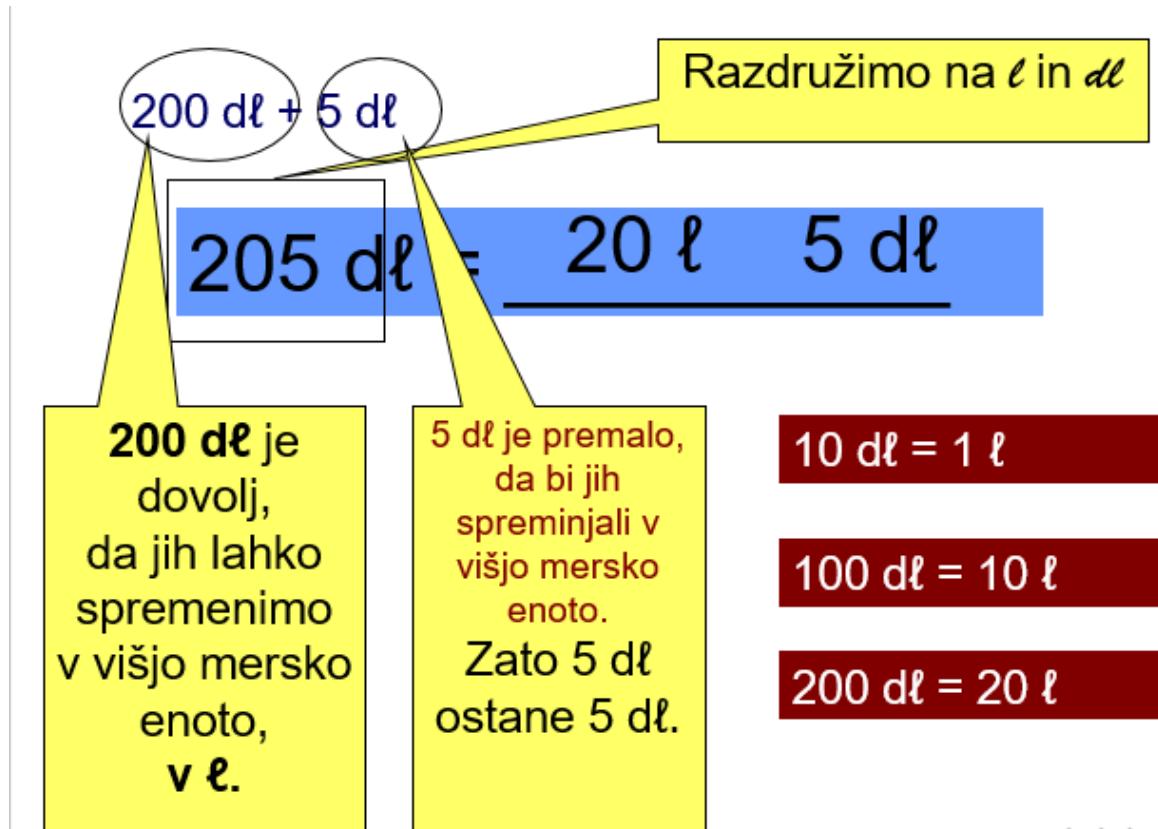
Do zdaj je šlo iz večjega v manjše. Kaj pa obratno?

RAZMISLIMO

- V vedru je 59 dl soka.
- Prelili bi ga radi v steklenice, ki držijo 1 l.  
Koliko steklenic potrebujemo?



## Poglejva še to.



## Povadiva.

❖ VAJA datum

Pretvori. Prečrtaj nesmisel.

$$10 \text{ dl} = \dots \text{ l} \qquad 13 \text{ dl} = \dots \text{ l} \dots \text{ dl} \qquad 52 \text{ dl} = \dots \text{ m} \dots \text{ dm}$$

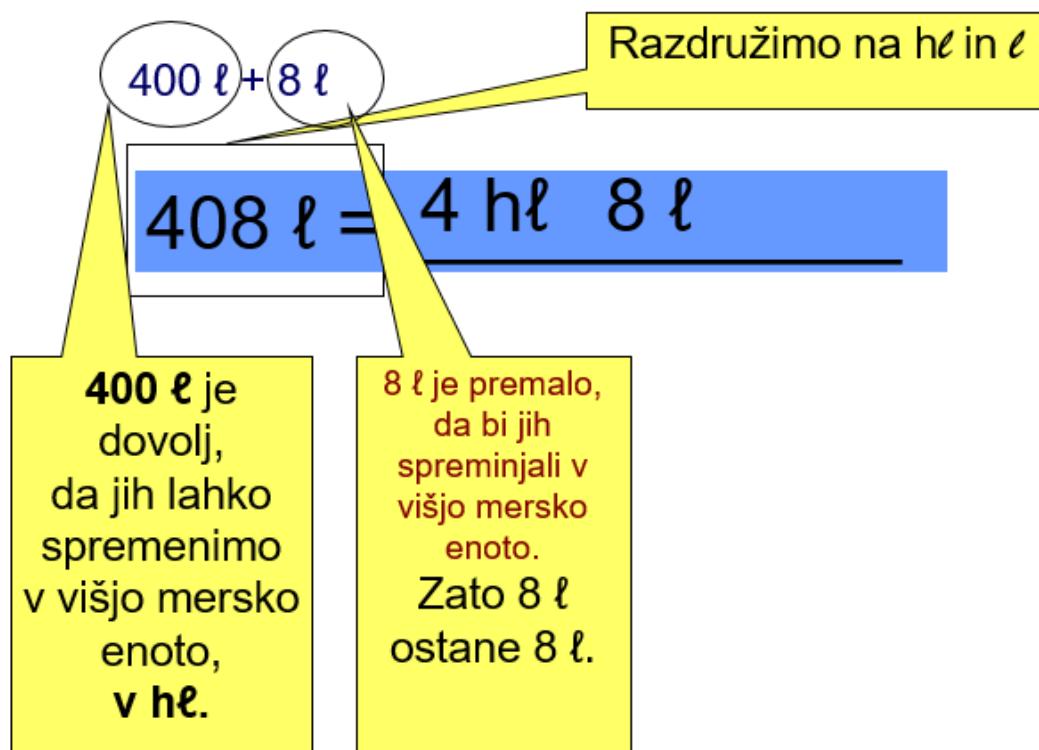
$$40 \text{ dl} = \dots \text{ l} \qquad 36 \text{ dl} = \dots \text{ l} \dots \text{ dl} \qquad 705 \text{ dl} = \dots \text{ l} \dots \text{ dl}$$

$$530 \text{ dl} = \dots \text{ l} \qquad 769 \text{ dl} = \dots \text{ l} \dots \text{ dl} \qquad 690 \text{ dl} = \dots \text{ l} \dots \text{ dl}$$

$$200 \text{ dl} = \dots \text{ l} \qquad 818 \text{ dl} = \dots \text{ l} \dots \text{ dl} \qquad 9 \text{ dl} = \dots \text{ l} \dots \text{ dl}$$

## 5. ura

Sva že pri hektolitrih.



Zdaj pa vaja, vaja, vaja.

### ❖ VAJA datum

#### 1. Pretvori.

$3 \text{ l} = \dots \text{ dl}$

$3 \text{ l } 6 \text{ dl} = \dots \text{ dl}$

$5 \text{ l } 9 \text{ dl} = \dots \text{ dl}$

$5 \text{ l} = \dots \text{ dl}$

$1 \text{ l } 5 \text{ dl} = \dots \text{ dl}$

$80 \text{ l } 6 \text{ dl} = \dots \text{ dl}$

$97 \text{ l} = \dots \text{ dl}$

$43 \text{ l } 7 \text{ dl} = \dots \text{ dl}$

$1 \text{ l} = \dots \text{ dl}$

$30 \text{ dl} = \dots \text{ l}$

$35 \text{ dl} = \dots \text{ l } \dots \text{ dl}$

$25 \text{ dl} = \dots \text{ l } \dots \text{ dl}$

$80 \text{ dl} = \dots \text{ l}$

$60 \text{ dl} = \dots \text{ l } \dots \text{ dl}$

$306 \text{ dl} = \dots \text{ l } \dots \text{ dl}$

$600 \text{ dl} = \dots \text{ l}$

$939 \text{ dl} = \dots \text{ l } \dots \text{ dl}$

$7 \text{ dl} = \dots \text{ l } \dots \text{ dl}$

$5 \text{ hl} = \dots \text{ l}$

$357 \text{ l} = \dots \text{ hl } \dots \text{ l}$

$3355 \text{ l} = \dots \text{ hl } \dots \text{ l}$

$10 \text{ hl} = \dots \text{ l}$

$407 \text{ l} = \dots \text{ hl } \dots \text{ l}$

$4090 \text{ l} = \dots \text{ hl } \dots \text{ l}$

$39 \text{ hl } 12 \text{ l} = \dots \text{ l}$

$850 \text{ l} = \dots \text{ hl } \dots \text{ l}$

$301 \text{ l} = \dots \text{ hl } \dots \text{ l}$

2. Vstavi znak  $>$ ,  $<$  ali  $=$ .

$$50 \text{ d}\ell \quad \boxed{\phantom{00}} \quad 4 \text{ l } 7 \text{ d}\ell$$

$$6 \text{ h}\ell \quad \boxed{\phantom{00}} \quad 507 \text{ l}$$

$$9 \text{ l } 6 \text{ d}\ell \quad \boxed{\phantom{00}} \quad 10 \text{ l}$$

$$2 \text{ h}\ell 85 \text{ l} \quad \boxed{\phantom{00}} \quad 285 \text{ l}$$

$$8 \text{ l} \quad \boxed{\phantom{00}} \quad 81 \text{ d}\ell$$

$$12 \text{ h}\ell 3 \text{ l} \quad \boxed{\phantom{00}} \quad 13 \text{ h}\ell 2 \text{ l}$$

$$90 \text{ l } 5 \text{ d}\ell \quad \boxed{\phantom{00}} \quad 1 \text{ h}\ell$$

$$33 \text{ l } 7 \text{ d}\ell \quad \boxed{\phantom{00}} \quad 34 \text{ d}\ell$$

$$6 \text{ l} \quad \boxed{\phantom{00}} \quad 5 \text{ h}\ell 9 \text{ l}$$

$$1 \text{ h}\ell \quad \boxed{\phantom{00}} \quad 2 \text{ l } 2 \text{ d}\ell$$

$$3 \text{ h}\ell 54 \text{ l} \quad \boxed{\phantom{00}} \quad 4 \text{ l } 6 \text{ d}\ell$$

$$1 \text{ l} \quad \boxed{\phantom{00}} \quad 10 \text{ d}\ell$$

3.

V zbiralnici mleka so zbrali 895 l mleka. Cisterna sprejme 1000 l mleka. Koliko h $\ell$  in l mleka bi lahko še sprejeli?

Odgovor: .....

Zmoreš tudi to?

DODATNI POUK

$$\frac{1}{2} \ell = \underline{\hspace{2cm}} \text{dl}$$

$$\frac{1}{2} h\ell = \underline{\hspace{2cm}} \ell$$

$$\frac{1}{5} h\ell = \underline{\hspace{2cm}} \ell$$

$$\frac{1}{10} h\ell = \underline{\hspace{2cm}} \ell$$

$$\frac{1}{2} h\ell = \underline{\hspace{2cm}} \text{dl}$$

$$\frac{1}{4} h\ell = \underline{\hspace{2cm}} \text{dl}$$

$$\frac{1}{5} \ell = \underline{\hspace{2cm}} \text{dl}$$

$$\frac{1}{4} h\ell = \underline{\hspace{2cm}} \ell$$

Toliko o tekočinah za ta teden. Žejen? Žejna? ☺ Preveri pravilnost nalog v rešitvah, razmisli o napakah in jih popravi.

Če ti ne gre, mi piši, bom poskusila razložiti. Če potrebuješ še vaje, ti prilagam naloge spodaj.

## DOPOLNILNI POUK

1.

Zapiši v decilitrih.

$$1 \ell = \underline{\hspace{2cm}} \text{ dl}$$

$$2 \ell = \underline{\hspace{2cm}} \text{ dl}$$

$$5 \ell = \underline{\hspace{2cm}} \text{ dl}$$

$$10 \ell = \underline{\hspace{2cm}} \text{ dl}$$

$$12 \ell = \underline{\hspace{2cm}} \text{ dl}$$

$$15 \ell = \underline{\hspace{2cm}} \text{ dl}$$

$$20 \ell = \underline{\hspace{2cm}} \text{ dl}$$

$$100 \ell = \underline{\hspace{2cm}} \text{ dl}$$

$$115 \ell = \underline{\hspace{2cm}} \text{ dl}$$

Zapiši v litrih.

$$10 \text{ dl} = \underline{\hspace{2cm}} \ell$$

$$30 \text{ dl} = \underline{\hspace{2cm}} \ell$$

$$60 \text{ dl} = \underline{\hspace{2cm}} \ell$$

$$110 \text{ dl} = \underline{\hspace{2cm}} \ell$$

$$160 \text{ dl} = \underline{\hspace{2cm}} \ell$$

$$240 \text{ dl} = \underline{\hspace{2cm}} \ell$$

$$350 \text{ dl} = \underline{\hspace{2cm}} \ell$$

$$400 \text{ dl} = \underline{\hspace{2cm}} \ell$$

$$500 \text{ dl} = \underline{\hspace{2cm}} \ell$$

Pretvori.

$$12 \text{ dl} = \underline{\hspace{2cm}} \ell \underline{\hspace{2cm}} \text{ dl}$$

$$26 \text{ dl} = \underline{\hspace{2cm}} \ell \underline{\hspace{2cm}} \text{ dl}$$

$$112 \text{ dl} = \underline{\hspace{2cm}} \ell \underline{\hspace{2cm}} \text{ dl}$$

$$235 \text{ dl} = \underline{\hspace{2cm}} \ell \underline{\hspace{2cm}} \text{ dl}$$

$$1 \ell 5 \text{ dl} = \underline{\hspace{2cm}} \text{ dl}$$

$$2 \ell 6 \text{ dl} = \underline{\hspace{2cm}} \text{ dl}$$

$$10 \ell 2 \text{ dl} = \underline{\hspace{2cm}} \text{ dl}$$

$$50 \ell 6 \text{ dl} = \underline{\hspace{2cm}} \text{ dl}$$

2. Koliko sadik lahko zalijemo s  $180 \ell$  vode, če za vsako porabimo  $3 \ell$ ?

R:

O:

3. Uredi po velikosti. Začni z najmanjšo količino.

a)  $1 \text{ hl}, 3 \text{ dl}, 2 \ell$

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b)  $5 \text{ hl}, 8 \text{ hl}, 4 \text{ hl}, 6 \text{ hl}$

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c)  $5 \ell 2 \text{ dl}, 6 \ell 2 \text{ dl}, 8 \ell 2 \text{ dl}, 3 \ell 2 \text{ dl}$

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4. Popravi napačne trditve.

- a) Vsak dan popijem več kot 10 litrov tekočine.
- b) V umivalnik lahko natočim 5 hektolitrov vode.
- c) Z gobo lahko popivnam 2 litra vode.
- č) Litrska steklenica drži 100 decilitrov vode.