

DECIMALNI BROJEVI

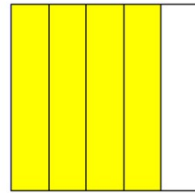
Koje brojeve poznajemo?

3



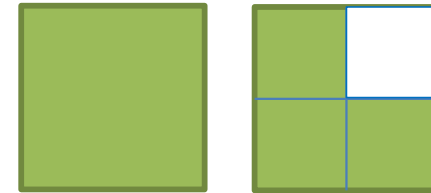
Prirodni broj

$\frac{4}{5}$



Pravi razlomak

$1\frac{3}{4}$



Mješoviti broj

Kakve ćemo brojeve još naučiti...

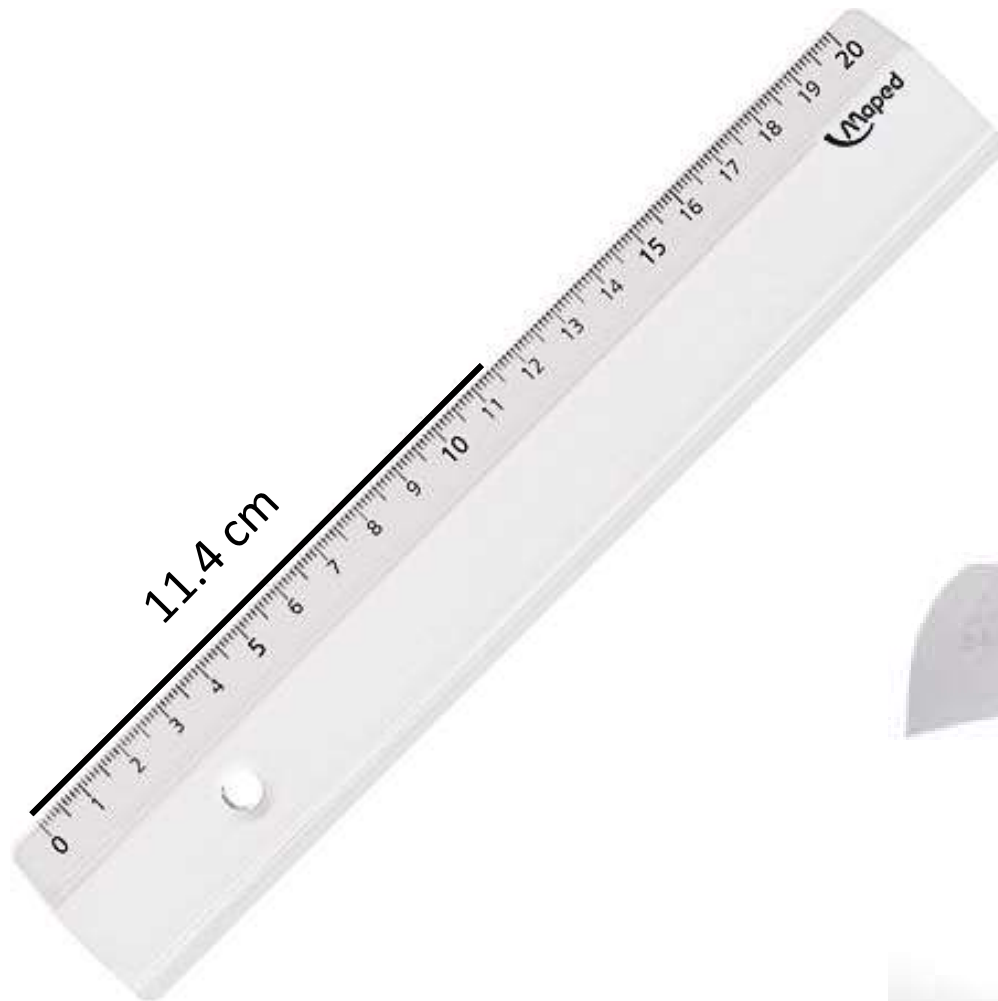
3.5

0.8

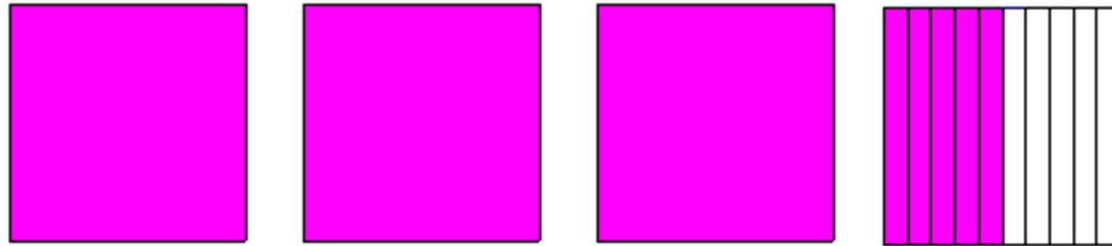
0.29

Ovo su **DECIMALNI BROJEVI**

Decimalni brojevi

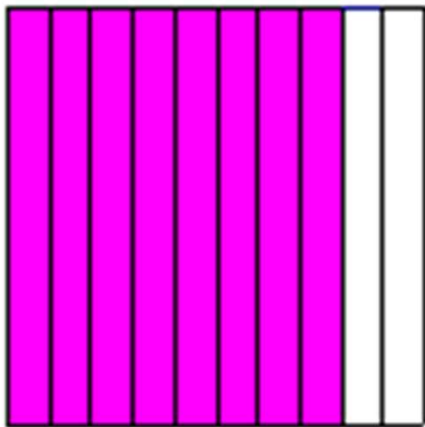


$$3.5 = 3 + \frac{5}{10} = 3\frac{5}{10}$$



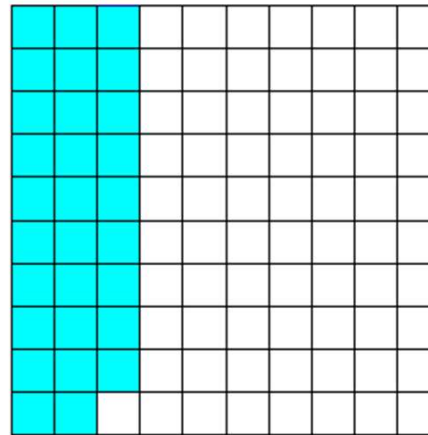
3 cijela i 5 desetinki

$$0.8 = \frac{8}{10}$$



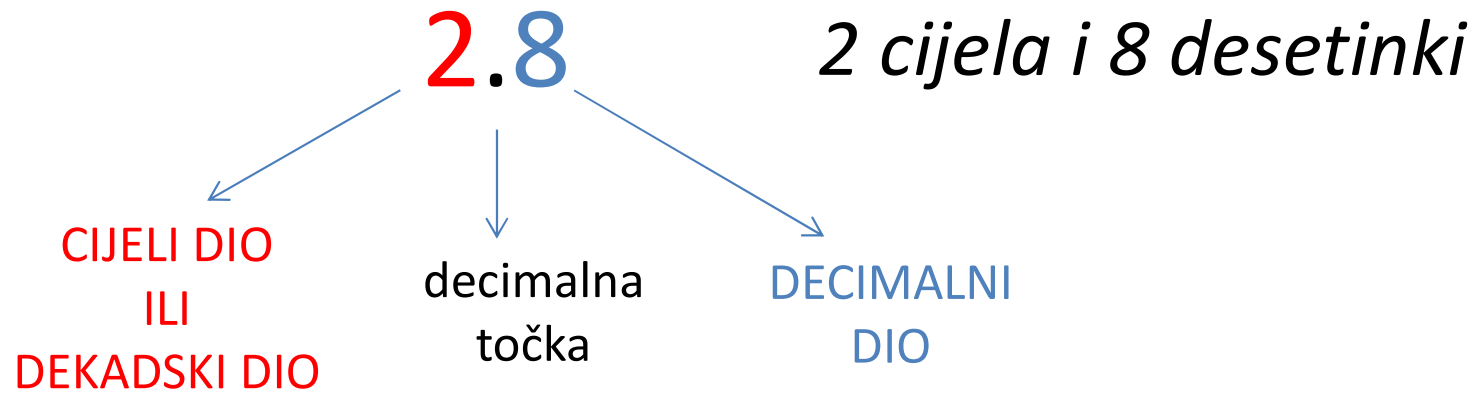
0 cijelih i 8 desetinki

$$0.29 = \frac{29}{100}$$

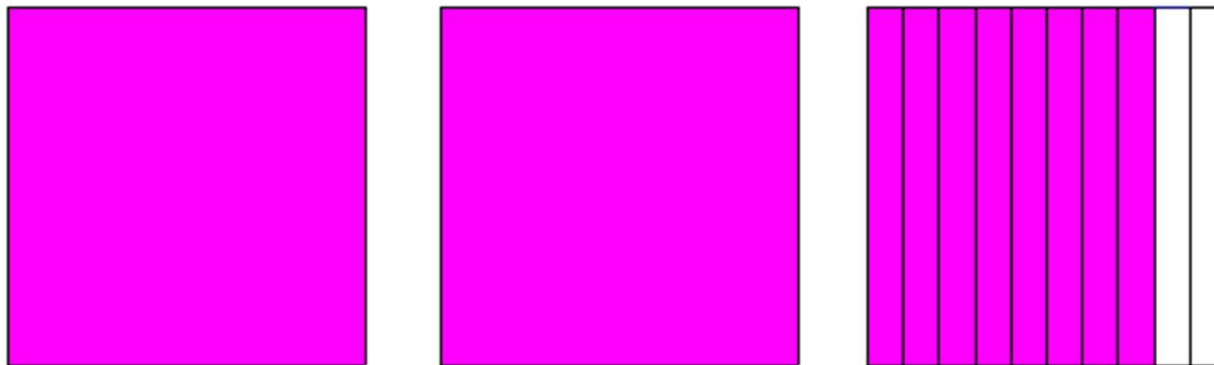


0 cijelih i 29 stotinki

Prepisujemo!



$$2.8 = 2\frac{8}{10} = 2 + \frac{8}{10}$$



dva cijela

8 desetinki (8 dijelova od 10)

- Uvježbajmo:

<https://hr.izzi.digital/DOS/204/249.html#block-15650>

Napiši nazive brojeva:

1.8 - 1 cijelo 8 desetinki

0.4 - 0 cijelih 4 desetinke

1.15 - 1 cijelo 15 stotinki

0.04 - 0 cijelih 4 stotinke

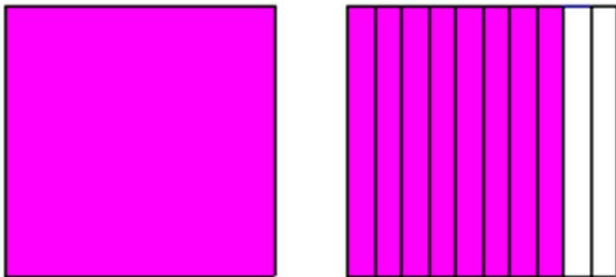
16.52 - 16 cijelih 52 stotinke

423.5 - 423 cijela 5 desetinki

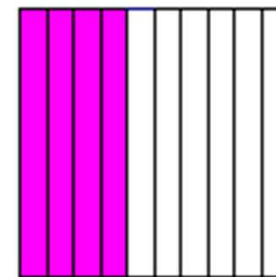
0.623 - 0 cijelih 623 tisućinke

72.015 - 72 cijela 15 tisućinki

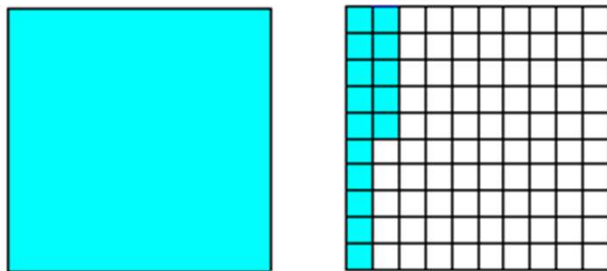
1.8



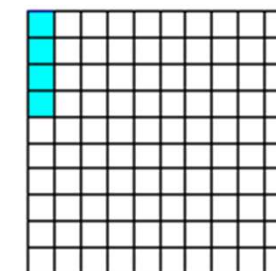
0.4



1.15



0.04



Napiši broj!

- Tri cijela i osamnaest stotinki **3.18**
- Nula cijelih i sedam stotinki **0.07**
- Četrdeset šest cijelih i dvadeset jedna tisućinka **46.021**
- Osam cijelih i osam tisućinki **8.008**
- Nula cijelih i dvije desetinke **0.2**
- Sto sedam cijelih i tri stotinke **107.03**

Zapiši u decimalnom zapisu i pročitaj dobivene brojeve:

$$7 + \frac{6}{10} = 7.\underline{6}$$

$$41 + \frac{4}{10} = 41.\underline{4}$$

$$\frac{8}{10} = 0.\underline{8}$$

$$8 + \frac{73}{100} = 8.\underline{73}$$

$$154 + \frac{5}{100} = 154.\underline{05}$$

$$\frac{28}{100} = 0.\underline{28}$$

$$\frac{6}{100} = 0.\underline{06}$$

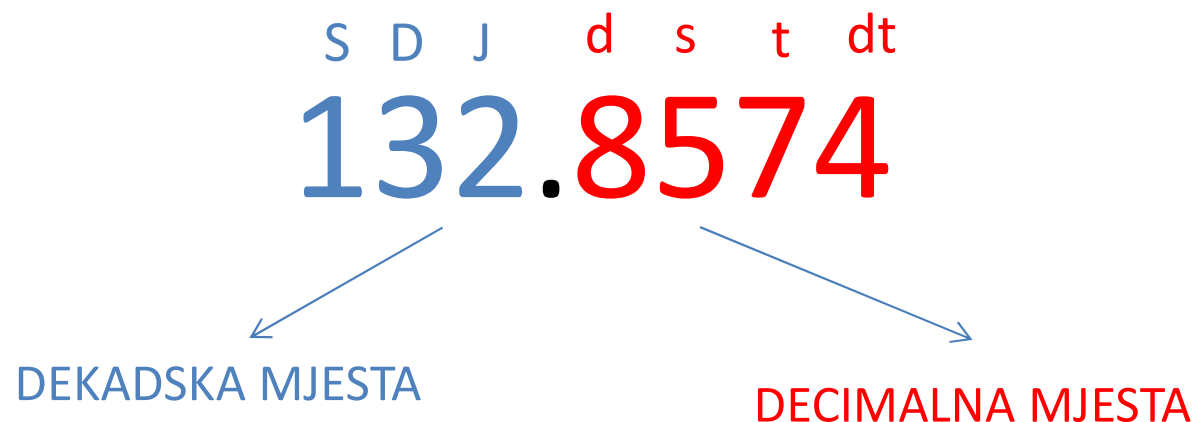
$$3 + \frac{123}{1000} = 3.\underline{123}$$

$$12 + \frac{82}{1000} = 12.\underline{082}$$

$$\frac{9}{1000} = 0.\underline{009}$$

broj decimala = broj nula u nazivniku razlomka

Dekadska i decimalna mjesta



5 je znamenka stotinki.

3 je znamenka desetica.

Broj ima 3 dekadaska i 4 decimalna mjesta.

- <https://hr.izzi.digital/DOS/204/250.html#block-15730>

Decimalni brojevi i mjerne jedinice

Duljina

$$1 \text{ m} = 10 \text{ dm}$$

$$1 \text{ m} = 100 \text{ cm}$$

$$1 \text{ m} = 1000 \text{ mm}$$

$$1 \text{ km} = 1000 \text{ m}$$

Masa

$$1 \text{ t} = 1000 \text{ kg}$$

$$1 \text{ kg} = 1000 \text{ g}$$

$$1 \text{ kg} = 100 \text{ dag}$$

$$1 \text{ dag} = 10 \text{ g}$$

$$1 \text{ g} = 1000 \text{ mg}$$

Volumen

$$1 \text{ l} = 10 \text{ dl}$$

$$1 \text{ l} = 1000 \text{ ml}$$

$$1 \text{ dl} = 100 \text{ ml}$$

$$1 \text{ hl} = 100 \text{ l}$$

mg – miligram

ml – mililitar

hl – hektolitar

- <https://hr.izzi.digital/DOS/204/251.html>