

Rešitve naloge od srede: če imaš nalogo pravilno rešeno naredi kljukico ☺, drugače popravi ☹.

Rešitve z učnega lista si poglej v spletni učilnici

Rešitve najdeš na spletni strani:

<https://www.devetletka.net/index.php?r=downloadMaterial&id=3180&file=1>

- 1 a) $\frac{7}{7} = 1$ $\frac{12}{3} = 4$ $\frac{15}{15} = 1$ $\frac{30}{6} = 5$ $\frac{18}{3} = 6$
 b) $\frac{2}{2} = 1$ $\frac{9}{9} = 1$ $\frac{9}{3} = 3$ $\frac{15}{5} = 3$ $\frac{24}{6} = 4$ $\frac{24}{3} = 8$
- 2 a) $\frac{33}{11} = 3$ $\frac{45}{9} = 5$ $\frac{27}{3} = 9$ $\frac{96}{8} = 12$ $\frac{105}{7} = 15$
 b) $\frac{44}{4} = 11$ $\frac{48}{6} = 8$ $\frac{54}{2} = 27$ $\frac{69}{3} = 23$ $\frac{136}{8} = 17$
- 3 $\frac{6}{2} = \frac{9}{3} = \frac{18}{6} = \frac{21}{7}$ 4 $5 = \frac{15}{3} = \frac{25}{5} = \frac{40}{8} =$
 $4 = \frac{11}{2} = \frac{8}{3} = \frac{12}{6} = \frac{24}{28} = \frac{28}{7}$ $7 = \frac{21}{3} = \frac{35}{5} = \frac{56}{8} = \frac{77}{11}$
 $9 = \frac{18}{2} = \frac{27}{3} = \frac{54}{6} = \frac{63}{7}$ $8 = \frac{24}{3} = \frac{40}{5} = \frac{64}{8} = \frac{88}{11}$
 $10 = \frac{20}{2} = \frac{30}{3} = \frac{60}{6} = \frac{70}{7}$ $11 = \frac{33}{3} = \frac{55}{5} = \frac{88}{8} = \frac{121}{11}$
 $13 = \frac{26}{2} = \frac{39}{3} = \frac{78}{6} = \frac{91}{7}$
- 5 a) $x = 20$ b) $a = 14$ c) $y = 4$ d) $u = 1$ e) $c = 1$ f) $v = 6$ g) $d = 3$ h) $z = 4$ i) $e = 9$

6 Iz treh tort je dobil 36 kosov.

- 7 a) $6 : 7 = \frac{6}{7}$ b) $12 : 3 = \frac{12}{3} = 4$ c) $30 : 7 = \frac{30}{7} = 4\frac{2}{7}$
 d) $9 : 5 = \frac{9}{5} = 1\frac{4}{5}$ e) $42 : 9 = \frac{42}{9} = 4\frac{6}{9}$
 f) $8 : 8 = \frac{8}{8} = 1$ g) $17 : 21 = \frac{17}{21}$ h) $8 : 15 = \frac{8}{15}$
 i) $11 : 4 = \frac{11}{4} = 2\frac{3}{4}$ j) $15 : 32 = \frac{15}{32}$ k) $6 : 13 = \frac{6}{13}$
- 8 $\frac{5}{2} > 1$, $\frac{2}{3} < 1$, $\frac{11}{4} > 1$, $\frac{6}{6} = 1$, $\frac{1}{7} < 1$, $\frac{3}{3} = 1$, $\frac{9}{8} > 1$, $\frac{0}{8} < 1$,
 $\frac{7}{11} < 1$, $\frac{15}{15} = 1$, $\frac{6}{23} < 1$, $\frac{3}{5} < 1$, $\frac{17}{9} > 1$; Rešitev: ULOMEK.
- 9 a) $\frac{7}{4} > 1$ $\frac{7}{4} = 1\frac{3}{4}$ b) $\frac{13}{4} > 1$ $\frac{13}{4} = 3\frac{1}{4}$
 $\frac{2}{3} < 1$ $\frac{15}{6} > 1$ $\frac{15}{6} = 2\frac{3}{6}$
 $\frac{9}{2} > 1$ $\frac{9}{2} = 4\frac{1}{2}$ $\frac{9}{20} < 1$
 $\frac{11}{3} > 1$ $\frac{11}{3} = 3\frac{2}{3}$ $\frac{12}{5} > 1$ $\frac{12}{5} = 2\frac{2}{5}$
 $\frac{8}{8} = 1$ $\frac{34}{8} > 1$ $\frac{34}{8} = 4\frac{2}{8}$

Cilji:

- Zapis ulomka s celim delom in ulomkom manjšim od 1 oziroma obratno
- Razširjanje ulomkov na najmanjši skupni imenovalec

Delo doma:

1. V učbeniku na strani 34 si poglej razlago 5. in 6. primera
2. V učbeniku na strani 37 si poglej razlago 4. primera
3. Reši v učbeniku na strani 35, nalogo 9, 10, in 12.
4. Reši v učbeniku na strani 38, nalogo 6 in 7.
5. Nalogo slikaj ali skeniraj in oddaj dokument v sliki ali v pdf v spletno učilnico (SU).
6. Spletna stran arnesove učilnice
<https://ucilnice.arnes.si/course/view.php?id=56534>

Vaja:

1. Ulomek zapiši s celim delom in ulomkom manjši od 1:

$$\frac{35}{4} = 8\frac{3}{4} \qquad \frac{51}{6} = \qquad \frac{32}{3} =$$

(35:4 = 8 in 3 ostane – torej bi delili 3:4 = $\frac{3}{4}$)

2. Zapiši z ulomkom, ki ima števec večji od imenovalca:

$$4\frac{2}{5} = \frac{4 \cdot 5 + 2}{5} = \frac{20 + 2}{5} = \frac{22}{5} \qquad 7\frac{3}{8} = \qquad 12\frac{1}{3} =$$

3. Razširi :

a) S številom 9: $\frac{4}{7} = \qquad \frac{8}{9} =$

b) Na stotine: $\frac{3}{4} = \frac{\quad}{100} \qquad \frac{4}{25} =$

c) Na števec 24: $\frac{3}{8} = \qquad \frac{6}{11} = \frac{24}{\quad}$

- d) Na najmanjši skupni imenovalec:

$$\left[\begin{array}{l} \frac{3}{4} = \\ \frac{5}{6} = \end{array} \right. \qquad \left[\begin{array}{l} \frac{2}{5} = \\ \frac{7}{10} = \end{array} \right. \qquad \left[\begin{array}{l} \frac{3}{8} = \\ \frac{5}{6} = \end{array} \right.$$

v(4,3) =

v(5,2) =

v(8,6) =