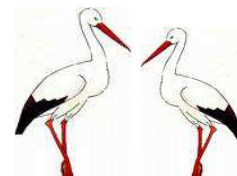


Rode i Čigoč



U Republici Hrvatskoj gnijezdi se oko 1500 $\frac{15}{15} \frac{7}{7} \frac{10}{10} \frac{20}{20} \frac{9}{9} \frac{7}{7} \frac{25}{25} \frac{18}{18} \frac{11}{11} \frac{14}{14} \frac{4}{4} \frac{18}{18} \frac{22}{22}$

$\frac{10}{10} \frac{20}{20} \frac{17}{17} \frac{7}{7}$, od čega je čak 500 parova u Srednjoj Posavini. Najviše $\frac{23}{23} \frac{12}{12} \frac{18}{18} \frac{11}{11} \frac{14}{14} \frac{26}{26} \frac{17}{17} \frac{7}{7}$

na jednom mjestu (45 $\frac{23}{23} \frac{12}{12} \frac{18}{18} \frac{11}{11} \frac{14}{14} \frac{26}{26} \frac{17}{17} \frac{7}{7}$) nalazi se u selu Čigoč. Stoga je selo Čigoč 1994.

godine proglašeno $\frac{14}{14} \frac{19}{19} \frac{10}{10} \frac{20}{20} \frac{15}{15} \frac{16}{16} \frac{21}{21} \frac{18}{18} \frac{24}{24} \frac{16}{16} \frac{14}{14} \frac{4}{4} \frac{20}{20} \frac{24}{24} \frac{10}{10} \frac{20}{20} \frac{17}{17} \frac{7}{7}$. Kad bi bila

istina da rode $\frac{17}{17} \frac{20}{20} \frac{12}{12} \frac{20}{20} \frac{16}{16} \frac{14}{14} \frac{17}{17} \frac{11}{11} \frac{14}{14} \frac{1}{1} \frac{19}{19}$, selo Čigoč bilo bi

$\frac{12}{12} \frac{7}{7} \frac{11}{11} \frac{12}{12} \frac{7}{7} \frac{15}{15} \frac{19}{19} \frac{13}{13} \frac{14}{14} \frac{12}{12} \frac{18}{18} \frac{11}{11} \frac{14}{14}$ mjesto u $\frac{10}{10} \frac{22}{22}$.

Bijele rode se gnijezde na seoskim kućama, za razliku od $\frac{1}{1} \frac{10}{10} \frac{12}{12} \frac{18}{18} \frac{22}{22} \frac{10}{10} \frac{20}{20} \frac{17}{17} \frac{7}{7}$, koje se

gnijezde na $\frac{9}{9} \frac{18}{18} \frac{16}{16} \frac{20}{20} \frac{21}{21} \frac{18}{18} \frac{24}{24} \frac{16}{16} \frac{5}{5} \frac{7}{7} \frac{25}{25} \frac{4}{4} \frac{18}{18} \frac{24}{24} \frac{7}{7} \frac{24}{24} \frac{20}{20} \frac{13}{13} \frac{9}{9} \frac{7}{7} \frac{10}{10} \frac{12}{12} \frac{18}{18} \frac{22}{22}$

$\frac{3}{3} \frac{19}{19} \frac{24}{24} \frac{7}{7}$ (pa ih rjeđe vidamo).

Rode u Čigoč dolaze za $\frac{11}{11} \frac{20}{20} \frac{16}{16} \frac{18}{18} \frac{15}{15} \frac{20}{20} \frac{9}{9} \frac{20}{20}$ (19.3.), a odlaze za

$\frac{25}{25} \frac{7}{7} \frac{10}{10} \frac{5}{5} \frac{20}{20} \frac{4}{4} \frac{20}{20} \frac{9}{9} \frac{20}{20}$ (sredinom kolovoza). Po povratku obnavljaju $\frac{16}{16} \frac{5}{5} \frac{7}{7} \frac{10}{10} \frac{7}{7}$ ili grade

$\frac{12}{12} \frac{20}{20} \frac{9}{9} \frac{7}{7}$ gnijezda, te $\frac{15}{15} \frac{20}{20} \frac{4}{4} \frac{7}{7} \frac{2}{2} \frac{19}{19} \frac{11}{11} \frac{7}{7} \frac{11}{11} \frac{7}{7}$ iz kojih se nakon 33-34 dana izlegu

mladi ptići. $\frac{20}{20} \frac{25}{25} \frac{7}{7}$ roditelja hrane mlade da bi dovoljno ojačali i sredinom kolovoza krenuli na put za

$\frac{7}{7} \frac{6}{6} \frac{10}{10} \frac{18}{18} \frac{21}{21} \frac{19}{19}$. Put kojeg prevale dug je 6000 $\frac{21}{21} \frac{24}{24}$, a traje 8-15 $\frac{5}{5} \frac{11}{11} \frac{14}{14} \frac{17}{17} \frac{7}{7} \frac{12}{12} \frac{7}{7}$.

Uoči da tako dugačak put prevaljuju čak $\frac{17}{17} \frac{9}{9} \frac{7}{7} \frac{15}{15} \frac{19}{19} \frac{5}{5} \frac{7}{7} \frac{23}{23} \frac{20}{20} \frac{17}{17} \frac{18}{18} \frac{3}{3} \frac{27}{27} \frac{14}{14}$!

OKRENI LIST!



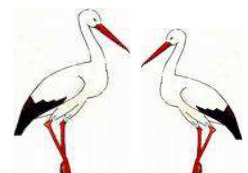
Rode rado jedu $\frac{21}{21} \frac{19}{19} \frac{21}{21} \frac{1}{1} \frac{14}{14}$, zmiije, $\frac{2}{2} \frac{7}{7} \frac{25}{25} \frac{14}{14}$, gujavice, $\frac{15}{15} \frac{18}{18} \frac{11}{11} \frac{7}{7} \frac{9}{9} \frac{18}{18} \frac{1}{1} \frac{14}{14}$, ribe, pa čak i voluharice i $\frac{24}{24} \frac{18}{18} \frac{3}{3} \frac{14}{14} \frac{9}{9} \frac{14}{14}$. Zanimljivo je vidjeti mlade kako se otimaju za hranu, a naročito kad je u pitanju $\frac{25}{25} \frac{11}{11} \frac{14}{14} \frac{4}{4} \frac{20}{20} \frac{19}{19} \frac{3}{3} \frac{21}{21} \frac{7}{7}$.

Iako bijele rode mogu imati 1-7 $\frac{24}{24} \frac{4}{4} \frac{7}{7} \frac{17}{17} \frac{18}{18} \frac{22}{22}$, u selu Čigoč najčešće imaju 3-4. Rijetke su mlade rode koje ne ojačaju dovoljno za $\frac{15}{15} \frac{19}{19} \frac{5}{5} \frac{12}{12} \frac{7}{7} \frac{11}{11} \frac{19}{19} \frac{23}{23}$, pa ostaju u $\frac{16}{16} \frac{14}{14} \frac{4}{4} \frac{19}{19}$. Takve domaćini $\frac{15}{15} \frac{10}{10} \frac{18}{18} \frac{15}{15} \frac{18}{18} \frac{5}{5} \frac{20}{20} \frac{24}{24} \frac{14}{14}$, a društvo im prave $\frac{21}{21} \frac{20}{20} \frac{21}{21} \frac{20}{20} \frac{3}{3} \frac{18}{18}$, $\frac{15}{15} \frac{7}{7} \frac{5}{5} \frac{21}{21} \frac{14}{14}$ i $\frac{23}{23} \frac{19}{19} \frac{16}{16} \frac{21}{21} \frac{14}{14}$.

Rode inače iz dvorišta znaju uzeti razne $\frac{15}{15} \frac{10}{10} \frac{14}{14} \frac{17}{17} \frac{24}{24} \frac{14}{14} \frac{5}{5} \frac{14}{14}$ i odnijeti ih na $\frac{21}{21} \frac{10}{10} \frac{20}{20} \frac{9}{9}$: metlice, razne sitne alate, pa čak i $\frac{24}{24} \frac{7}{7} \frac{11}{11} \frac{18}{18} \frac{1}{1} \frac{19}{19}$ koja je na $\frac{3}{3} \frac{5}{5} \frac{10}{10} \frac{18}{18} \frac{21}{21} \frac{19}{19}$.

U dijalektu sela Čigoč rode se nazivaju $\frac{3}{3} \frac{5}{5} \frac{10}{10} \frac{20}{20} \frac{21}{21} \frac{18}{18}$, a stare drvene posavske kuće na čijim krovovima rode grade gnijezda nazivaju se $\frac{21}{21} \frac{20}{20} \frac{10}{10} \frac{7}{7} \frac{25}{25} \frac{8}{8} \frac{18}{18}$.

Osim roda, u i oko sela Čigoč žive još neke ugrožene vrste ptica: $\frac{20}{20} \frac{10}{10} \frac{7}{7} \frac{20}{20}$, $\frac{3}{3} \frac{5}{5} \frac{14}{14} \frac{21}{21} \frac{7}{7} \frac{9}{9} \frac{7}{7} \frac{1}{1}$, $\frac{15}{15} \frac{10}{10} \frac{17}{17} \frac{7}{7} \frac{9}{9} \frac{7}{7} \frac{1}{1}$, $\frac{15}{15} \frac{10}{10} \frac{14}{14} \frac{15}{15} \frac{14}{14} \frac{4}{4} \frac{18}{18} \frac{13}{13} \frac{7}{7} \frac{10}{10}$, $\frac{1}{1} \frac{10}{10} \frac{12}{12} \frac{7}{7} \frac{10}{10} \frac{20}{20} \frac{17}{17} \frac{7}{7}$, $\frac{20}{20} \frac{10}{10} \frac{7}{7} \frac{20}{20} \frac{21}{21} \frac{4}{4} \frac{18}{18} \frac{21}{21} \frac{5}{5} \frac{7}{7} \frac{3}{3}$ i dr. U riječnim rukavcima ovog područja žive čak 24 vrste riba, npr. $\frac{3}{3} \frac{5}{5} \frac{19}{19} \frac{21}{21} \frac{7}{7}$, $\frac{23}{23} \frac{10}{10} \frac{23}{23} \frac{14}{14} \frac{13}{13}$, $\frac{7}{7} \frac{24}{24} \frac{19}{19} \frac{10}{10}$, $\frac{3}{3} \frac{7}{7} \frac{10}{10} \frac{7}{7} \frac{12}{12}$ i dr.

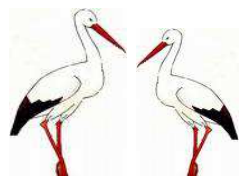


Pomoćni list (Rode i Čigoč)

M8

Za svaki zadatak od 1.-27. nađi njegovo rješenje u desnom stupcu, te slovo koje je uz to rješenje zapiši uz redni broj zadatka. Kad sve riješiš, koristi parove **broj-slovo** koje si tako dobio (npr. **1. - C**) da bi na radnom listu "Rode i Čigoč" dopisao riječi koje nedostaju.

| | | | |
|-----|--|-----|--|
| 1. | $2\sqrt{5} + 3\sqrt{5}$ | 20. | $\sqrt{3} \cdot \sqrt{6}$ |
| 2. | $2\sqrt{5} \cdot 3\sqrt{5}$ | 21. | $(1+\sqrt{5})^2$ |
| 3. | $2\sqrt{5} + 3$ | 22. | $(\sqrt{7} - \sqrt{8}) \cdot \sqrt{2}$ |
| 4. | $2\sqrt{5} \cdot 3$ | 23. | $\sqrt{2} \cdot \sqrt{6} \cdot \sqrt{3}$ |
| 5. | $7\sqrt{2} \cdot 5\sqrt{3}$ | 24. | $3\sqrt{7} - 2\sqrt{7}$ |
| 6. | $7\sqrt{2} - 5\sqrt{3}$ | 25. | $3\sqrt{7} \cdot 2\sqrt{7}$ |
| 7. | $(\sqrt{11})^2$ | 26. | $\sqrt{7} \cdot 2\sqrt{7}$ |
| 8. | $(2\sqrt{3})^2$ | 27. | $\sqrt{7} - 2\sqrt{7}$ |
| 9. | $\sqrt{20}$ | | |
| 10. | $\sqrt{48}$ | | |
| 11. | $\sqrt{2} - \sqrt{18}$ | | |
| 12. | $(5\sqrt{2})^2$ | | |
| 13. | $(5 - \sqrt{2})^2$ | | |
| 14. | $\frac{6}{\sqrt{3}}$ | | |
| 15. | $4\sqrt{2} - \sqrt{3} + \sqrt{2} - \sqrt{3}$ | | |
| 16. | $4\sqrt{2} \cdot \sqrt{3} + \sqrt{2} \cdot \sqrt{3}$ | | |
| 17. | $2\sqrt{3} \cdot (\sqrt{3} - 5\sqrt{2})$ | | |
| 18. | $(\sqrt{2} - 3) \cdot (5 + 2\sqrt{2})$ | | |
| 19. | $(\sqrt{5} + \sqrt{6}) \cdot (\sqrt{5} - \sqrt{6})$ | | |



| | |
|-----------------------|-----------|
| $-\sqrt{7}$ | NJ |
| $-2\sqrt{2}$ | J |
| $6-10\sqrt{6}$ | D |
| $6\sqrt{5}$ | L |
| $4\sqrt{3}$ | R |
| $\sqrt{7}$ | M |
| $2\sqrt{5}+3$ | Š |
| $-11-\sqrt{2}$ | I |
| $35\sqrt{6}$ | T |
| 50 | N |
| $2\sqrt{5}$ | V |
| $5\sqrt{2}-2\sqrt{3}$ | P |
| 30 | Ž |
| -1 | U |
| 6 | G |
| 12 | LJ |
| $27-10\sqrt{2}$ | Č |
| 42 | B |
| $5\sqrt{5}$ | C |
| $2\sqrt{3}$ | E |
| $\sqrt{14}-4$ | H |
| 11 | A |
| 14 | Z |
| $3\sqrt{2}$ | O |
| $7\sqrt{2}-5\sqrt{3}$ | F |
| $5\sqrt{6}$ | S |
| $6+2\sqrt{5}$ | K |

Pomoćni list (Rode i Čigoč)

M8

Za svaki zadatak od 1.-27. nađi njegovo rješenje u desnom stupcu, te slovo koje je uz to rješenje zapiši uz redni broj zadatka. Kad sve riješiš, koristi parove **broj-slovo** koje si tako dobio (npr. **1. - C**) da bi na radnom listu "Rode i Čigoč" dopisao riječi koje nedostaju.

| | | | |
|-----|--|-----|--|
| 1. | $2\sqrt{5} + 3\sqrt{5}$ | 20. | $\sqrt{3} \cdot \sqrt{6}$ |
| 2. | $2\sqrt{5} \cdot 3\sqrt{5}$ | 21. | $(1+\sqrt{5})^2$ |
| 3. | $2\sqrt{5} + 3$ | 22. | $(\sqrt{7} - \sqrt{8}) \cdot \sqrt{2}$ |
| 4. | $2\sqrt{5} \cdot 3$ | 23. | $\sqrt{2} \cdot \sqrt{6} \cdot \sqrt{3}$ |
| 5. | $7\sqrt{2} \cdot 5\sqrt{3}$ | 24. | $3\sqrt{7} - 2\sqrt{7}$ |
| 6. | $7\sqrt{2} - 5\sqrt{3}$ | 25. | $3\sqrt{7} \cdot 2\sqrt{7}$ |
| 7. | $(\sqrt{11})^2$ | 26. | $\sqrt{7} \cdot 2\sqrt{7}$ |
| 8. | $(2\sqrt{3})^2$ | 27. | $\sqrt{7} - 2\sqrt{7}$ |
| 9. | $\sqrt{20}$ | | |
| 10. | $\sqrt{48}$ | | |
| 11. | $\sqrt{2} - \sqrt{18}$ | | |
| 12. | $(5\sqrt{2})^2$ | | |
| 13. | $(5 - \sqrt{2})^2$ | | |
| 14. | $\frac{6}{\sqrt{3}}$ | | |
| 15. | $4\sqrt{2} - \sqrt{3} + \sqrt{2} - \sqrt{3}$ | | |
| 16. | $4\sqrt{2} \cdot \sqrt{3} + \sqrt{2} \cdot \sqrt{3}$ | | |
| 17. | $2\sqrt{3} \cdot (\sqrt{3} - 5\sqrt{2})$ | | |
| 18. | $(\sqrt{2} - 3) \cdot (5 + 2\sqrt{2})$ | | |
| 19. | $(\sqrt{5} + \sqrt{6}) \cdot (\sqrt{5} - \sqrt{6})$ | | |

