MAT7 – RAČUNANJE Z ULOMKI – VAJA

1. $\frac{2}{9}+\frac{3}{9}=\boxed{\frac{5}{9}}$

2. $3\frac{7}{12}+\frac{1}{12}+2\frac{1}{12}=5\frac{9}{12}=\boxed{5\frac{3}{4}}$

3. $3\frac{1}{3}+\frac{1}{4}=3\frac{4}{12}+\frac{3}{12}=\boxed{3\frac{7}{12}}$

4. $4\frac{1}{9}+5\frac{1}{2}=4\frac{2}{18}+5\frac{9}{18}=\boxed{9\frac{11}{18}}$

5. $\frac{8}{16}-\frac{3}{16}=\boxed{\frac{5}{16}}$

6. $3-\frac{2}{15}=2\frac{15}{15}-\frac{2}{15}=\boxed{2\frac{13}{15}}$

7. $2\frac{5}{12}-1\frac{7}{12}=1\frac{17}{12}\quad 1\frac{17}{12}-1\frac{7}{12}=\frac{10}{12}=\boxed{\frac{5}{6}}$

8. $7\frac{5}{6}-6\frac{7}{8}=7\frac{20}{24}-6\frac{21}{24}=6\frac{44}{24}-6\frac{21}{24}=\boxed{\frac{23}{24}}$

9. $3\frac{1}{4}+2\frac{1}{2}-4\frac{3}{8}=3\frac{2}{8}+2\frac{4}{8}-4\frac{3}{8}=5\frac{6}{8}-4\frac{3}{8}=\boxed{1\frac{3}{8}}$

10. $\frac{1}{4}\cdot 3=\boxed{\frac{3}{4}}$

11. $9\cdot\frac{7}{15}=\frac{9\cdot 7\cdot 3}{15\cdot 5}=\frac{21}{5}=\boxed{4\frac{1}{5}}$

12. $5\frac{7}{10}\cdot 5=\frac{57\cdot 5\cdot 1}{10\cdot 1\cdot 2}=\frac{57}{2}=\boxed{28\frac{1}{2}}$

13. $\frac{4}{5}\cdot\frac{2}{3}=\frac{4\cdot 2}{5\cdot 3}=\boxed{\frac{8}{15}}$

14. $\frac{4}{9}\cdot 1\frac{2}{5}=\frac{4\cdot 7}{9\cdot 5}=\boxed{\frac{28}{45}}$

15. $2\frac{1}{4}\cdot 2\frac{2}{3}=\frac{9\cdot 8\cdot 3\cdot 2}{4\cdot 3\cdot 1\cdot 1}=\boxed{6}$

16. $\frac{2}{3}:2=\frac{2\cdot 1\cdot 1}{3\cdot 2\cdot 1}=\boxed{\frac{1}{3}}$

17. $1\frac{5}{16}:\frac{3}{8}=\frac{21\cdot 8\cdot 1\cdot 1}{16\cdot 3\cdot 2\cdot 1}=\frac{7}{2}=\boxed{3\frac{1}{2}}$