Regnerekkefølger med algebra - miks 1 side

Oppgave 1: Forenkle uttrykkene så mye som mulig

1. $\sqrt{1\,(3+1)} + 4^2 + \frac{9}{8}\,(8+6a) =$

2. $2^2 + \sqrt{7\,(19+9)} + \frac{9}{9}\,(14+15) =$

3. $31^2 + \sqrt{23\,(20+3)} + \frac{a}{8} =$

4. $10\,(17-20) + \sqrt{21\,(13+8)} + 14^2 =$

5. $\frac{2}{2}\,(5a+5) + 7\,(19b+15) - \frac{a}{8} =$

6. $6\,(16+8) + \frac{6}{6}\,(13-9) + \frac{a}{4} =$

7. $\frac{a}{4} + \frac{2}{4}\,(4-9) - \frac{a}{2} =$

8. $\sqrt{16\,(9+0)} + 26^2 - \frac{5}{1}\,(18+13) =$

9. $\sqrt{8\,(26+6)} + 29^2 + \frac{a}{4} + 6\,(17+14) =$

10. $8\,(2a+8) + \frac{a}{8} + 5\,(7+16) =$

11. $1\,(9+17) + \frac{a}{2} - 6\,(10-7a) =$

12. $2\,(1-9) - 9\,(12a+11) + \frac{5}{9}\,(5-11) =$

13. $\frac{8}{5}\,(13+18) + 7\,(9-4a) + 25^2 + \sqrt{4\,(11+14)} =$

14. $24^2 + \sqrt{1\,(6+10)} + 8\,(17+4) - \frac{a}{8} =$

15. $\frac{8}{8}\,(16+10) + \sqrt{12\,(2+10)} + 36^2 + \frac{a}{4} =$

16. $4\,(4+6a) - \frac{5}{8}\,(6+8) - 5\,(20-20) =$

17. $4\,(1+19a) + \frac{6}{4}\,(14+8) =$

18. $30^2 + \sqrt{22\,(6+16)} + 10^2 + \sqrt{26\,(26+0)} =$

19. $\sqrt{23\,(17+6)} + 26^2 - \frac{8}{4}\,(10+20) =$

20. $\frac{1}{6}\,(20-10) - 26^2 + \sqrt{18\,(17+1)} - 8\,(17-10) =$