1. $\frac{7v}{8}- \frac{8v-4}{5v-2}$ 2. $400-36v^{2}$

3. $\frac{7n^{2}(n+4)}{(n-3)(n+4)} ∙ \frac{n-3}{(n+8)(n+6)}$ 4. $\sqrt{45p^{2}}$

5. $49x^{3}-35x^{2}+56x-40$ 6. $\sqrt{147m^{3}n^{3}}$

7. $\frac{4n}{n-6} ÷ \frac{4n}{8n-48}$ 8. $\frac{u+5v}{8v^{2}u^{2}}- \frac{u-6v}{8v^{2}u^{2}}$

9. $\frac{1}{v+10} ∙ \frac{10v+30}{v+3}$ 10. $8r^{3}-64r^{2}+r-8$

11. $200m^{4}+80m^{3}+8m^{2}$ 12. $\frac{x^{2}+10x+16}{x^{2}+6x+8} ÷ \frac{1}{x+4}$

13. $\sqrt{36x^{2}y^{3}}$ 14. $12x^{2}u+3x^{2}v+28yu+7yv$

15. $\frac{8}{4n^{2}-16n} ÷ \frac{1}{n-4}$ 16. $\frac{6n+6}{n+9} ∙ \frac{n^{2}+6n-27}{6n+6} $

17. $\frac{5v}{v-3}+ \frac{5}{v+6}$ 18. $16b^{2}-40b+25$

19. $\frac{3b^{2}+18b}{b+6} ∙ \frac{1}{b+8}$ 20. $\frac{10x^{2}-28x+16}{2x-4} ÷ \frac{25x^{2}-25x+4}{5x^{2}-41x+8}$

21. $30uv+30u+36u^{2}+25v$ 22. 2$\sqrt{8p^{2}q^{3}r}$

23. $3+6b+3b^{2}$ 24. $\frac{6x}{3}+ \frac{7}{15x+3}$