1) $\frac{6y^5+14y^2+2y}{2y}$

$3y^4+7y+1$

2) $\frac{12y^5-6y^3}{-3y^2}$

$-4y^3+2y$

3) $\frac{18x^4-27x^3+9x}{9}$

$2x^4-3x^3+x$

4) $\frac{8r^5+20r^3-4}{-4r^2}$

$-2r^3-5r+\frac{1}{r^2}$

5) $\frac{15m^2n^2-8m^3n^3+5m^2n^3}{10m^2n^3}$

$\frac{3}{2n}-\frac{4m}{5}+\frac{1}{2}$

6) $\frac{70x^3-30x^2-20x}{10x}$

$7x^2-3x-2$

7) $\frac{15m^4n^3+20m^5n^3-m^3n}{-5m^4n}$

$-3n^2-4mn^2+\frac{1}{5m}$

8) $\frac{18p^5-6p^3}{12p^2}$

$\frac{3p^3}{2}-\frac{p}{2}$

9) $\frac{12x^{14}-8x^7+10x^3+x}{-2x}$

$-6x^{13}+4x^6-5x^2-\frac{1}{2}$

10) $\frac{14x^5+28x^4-7x^3}{7x^3}$

$2x^2+4x-1$

11) $\frac{q^7r^6-q^3r^2}{q^3r^2}$

q^4r^4-1

12) $\frac{16y^9+12y^3-36y}{4y}$

$4y^8+3y^2-9$

13) $\frac{15x^4-23x^3+9x}{x}$

$15x^3-23x^2+9$

14) $\frac{8r^5+20r^3-4}{-4r^2}$

$-2r^3-5r+\frac{1}{r^2}$

15) $\frac{20m^5n^4-8m^3n^3+12m^2n}{4m^3n^2}$

$5m^2n^2-2n+\frac{3}{mn}$