$$\left(\frac{7}{10}z^2-\frac{1}{3}z+\frac{3}{4}\right)+\left(-\frac{13}{15}z^2+\frac{5}{6}z-\frac{1}{2}\right)-\left(-\frac{1}{6}z^2+\frac{1}{2}z+\frac{1}{4}\right)$$

100

$$\frac{7}{10}z^2-\frac{1}{3}z+\frac{3}{4}-\frac{13}{15}z^2+\frac{5}{6}z-\frac{1}{2}+\frac{1}{6}z^2-\frac{1}{2}z-\frac{1}{4}$$

$$\frac{7}{10}z^2-\frac{13}{15}z^2+\frac{1}{6}z^2-\frac{1}{3}z+\frac{5}{6}z-\frac{1}{2}z+\frac{3}{4}-\frac{1}{2}-\frac{1}{4}$$

$$\frac{42-52+10}{60}z^2 \quad \frac{-2+5-3}{6}z \quad \frac{+3-2-1}{4}$$

$$0z^2+0z+0=0$$

$6y(-y^2-y+1)+3y^2(2y+2)+(-5y^3)\cdot(-4y^2):(10y^4)$ (763)

$-6y^3-6y^2+6y+6y^3+6y^2+20y^5:10y^4$

$+6y+2y=8y$

$(2y+1)(y-2)-(y+4)(y-1)-(-6y^4):(-3y^3)$ (223)

$2y^2-4y+y-2-(y^2-y+4y-4)-2y$

$2y^2-4y+y-2-y^2+y-4y+4-2y$

y^2-8y+2

284 $(3a-1)(3a+1)+(2-3a)(2+3a)$

$9a^2-1+4-9a^2=3$

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310 $(5t-10)^2=(5t-10)(5t-6)=$

$25t^2+100-100t$

$(4-3y)^2=16+9y^2-24y$

343

$(5x-2)^2+(5x+2)^2-2(5x-1)(5x+1)$

$25x^2+4-20x+25x^2+4+20x-2(25x^2-1)$

$25x^2+4-20x+25x^2+4+20x-50x^2+2$

$+10$