Which of the following is the Quotient of –3 y^6 +3 y^5 +18 y^4 –14 y^3 –23 y^2 +4 y –8 divided by (-y-2) $(2-y)^2$ + (3 y²) $+((6 y^5)) + ((12 y^4)) + ((-24 y^3))$ $+ \, (\, -3\,)\, y^5 \qquad + \, (\, 6\,)\, y^4 \qquad + \, (\, 10\,)\, y^3 \qquad + \, (\, -23\,)\, y^2 \qquad + \, (\, 4\,)\, y \qquad + \, (\, -8\,)$ $+((-3 y^5)) + ((6 y^4)) + ((12 y^3)) + ((-24 y^2))$ $+(-2)y^3 + (1)y^2 + (4)y + (-8)$ +((8 y)) + ((-16)) $+(-3y^2)$

Coefficient list:
{3, 3, 0, 2}