

1. $\frac{-17t^2 + 20t + 60}{(-10 + 5t - 2t^2)^2}$

2. $\frac{4x^2 - 60x + 6}{(-9 + 2x - 4x^2)^2}$

3. $\frac{-112r + 28}{(-4r^2 + 2r + 4)^2}$