```
Notice the latter is a quadratic:
              revenue curve
15 000
10000
```

(b) Domain starts at 0 CanadianDollars revenue up to r-intercept coordinate equal to twice the value of vertex of the Parabola:

1. (a) Basis for the Revenue model is a simple multiplication: Revenue = Price×Quantity =  $(-\frac{10}{9}r + 241) \times r = 241 r - \frac{10 r^2}{9}$ 

(d) The maximum occurs at the vertex r-intercept coordinate:

2169

or the amount 13068.2 CanadianDollars .