#1The marginal cost (dollars) of printing a poster when x posters have been printed is

$\frac{dc}{\begin{array}{c}dx\\\end{array}}$ = $1/\sqrt[5]{x^{4}}$ Find the cost of printing posters 18 through 130

The cost of printing posters 18 through 130 is $ \_

(Round to the nearest cent)

#2 Solve the initial value problem ds/dt = 12t($3t^{2}-1)^{3}$, s(1) = 9

The solution is s = ?