

Name _____
Mrs. Roumbos

Date _____
8R Period _____

#30

Homework

Solve each equation for x

1) $x^2 = 144$

2) $x^3 = 216$

3) $x^2 + \frac{2}{5} = \frac{287}{405}$

4) $x^3 - \frac{4}{9} = -\frac{23}{72}$

Create an equation and Solve the following word problem

5) Jim's family went on vacation and rented a car. The rental car agency charged \$64.75 plus an additional \$0.03 for each mile the car was driven. If Jim's family paid a total of \$71.14 for the car rental, how many miles, m, did the family drive the car?