

MA 152 Exam 3 Answers  
Spring 2001

1.  $3x + y + 1 = 0$

2.  $W = \frac{5xy^2}{t}$

3.  $x = \frac{3}{10}$  or .3

4. (a)  $\frac{3}{7}$

(b) 15

(c)  $x^2 + 4x + 1$

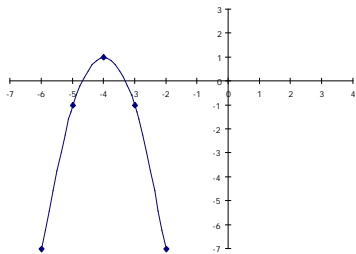
5.  $f^{-1}(x) = \frac{3-x}{x}$  or  $\frac{3}{x} - 1$

6. -10

7. (a)  $5a^6b^4(\sqrt{2b})$

(b)  $x^{\frac{8}{3}}y^{11}$

8. (a)  $(-4, 1)$



(b)

$(-4, 1)$

9. \$6365

10. (a)  $V = 510t + 6095$

(b) 8.5 years

$(-6, -7)$

$(-2, -7)$