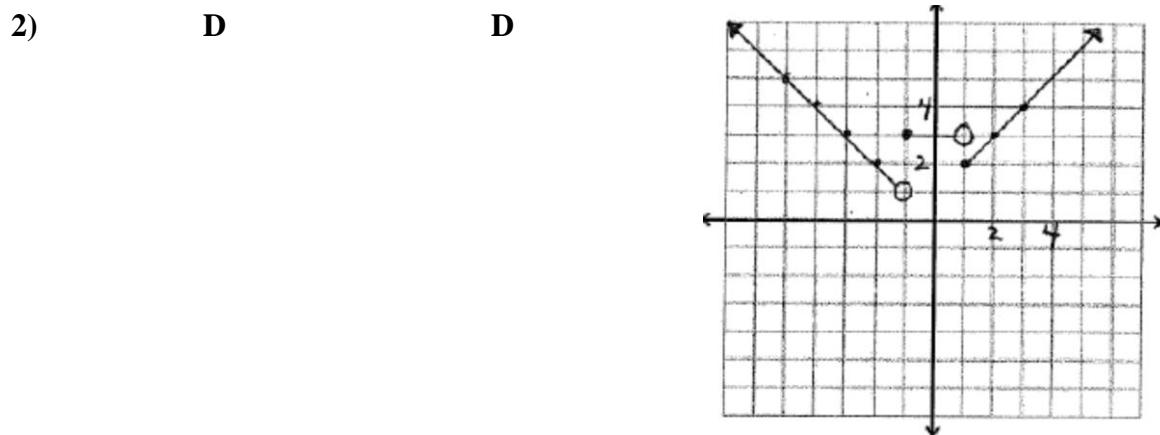


MA 152 Exam 3 Spring 2012

MA 15200X

Problem	FORM A	FORM B	Actual Answer
---------	--------	--------	---------------

1) E D $f(-3)=5$ $f(3)=2+\sqrt{3}$



3) B C (6, -1) and (6, 5)

4) A A $3x+2y-8=0$

5) C E II only

6) C C Between 20.5 and 22.5 years after 2000
(21 years after 2000)

7) E B $y = \frac{3x}{2w}$

8) B A $(f \circ g)(x) = 30x - 6$

9) A D I, II, and III

10) D C 37.9%

11) C E $\log_m(4r) = q - 3$

12) A D $x = 4, \quad y = -3$

13) C E $\log_2\left(\frac{x^{13}}{49}\right)$

14) D A 2.7527

15) C A $x = 8$