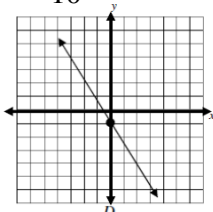


MA 111 Exam 2 Answers Fall 2010

Problem	Form A (green)	Form B (orange)	Actual Answer
1)	E	B	$\frac{3}{10}$
2)	D	D	
3)	C	E	The lawn mower's value is decreasing by \$75 per summer.
4)	C	A	A vertical line has zero slope.
5)	A	C	$2x + 3y = 9$
6)	E	D	slope: -2 , point: $(-7, 4)$
7)	B	D	$y = -3x + 1$ and $y = \frac{1}{3}x$
8)	D	A	$y = \frac{1}{2}x + 11$
9)	C	B	$(f + g)(-12) = 51$
10)	A	E	$(f + g)(-4) = 11,$ $(f \cdot g)(2) = -15$
11)	B	D	$\begin{cases} b + p = 249 \\ p = b + 39 \end{cases}$
12)	E	C	The y-coordinate of the solution is 3 and the solution is found in Q II.
13)	B	C	II only
14)	A	B	$y = \frac{3}{2}$
15)	B	A	10