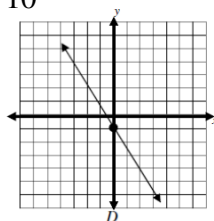


MA 111 Exam 2 Answers Fall 2010

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