

## MA 11100 Exam 1 Answers, Fall 2010

Problem	A (green)	B (orange)	Actual Answer
1	A	C	$2(n+1) - 5$
2	C	D	I and II only
3	D	A	-10
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4	E	D	$4x + 3(2x - 5) + 12 = 10x + 7$
5	E	B	$x = \frac{1}{6}$
6	D	A	$2w + 2(2w - 1.6) = 26.8$
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7	B (\$66)	E (\$66)	Cost is between \$65 and \$70.
8	A	D	$t = \frac{A - P}{Pr}$
9	D	C	1090
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10	E	B	$8a^6b^6$
11	B	E	$1.34 \times 10^{13}$
12	C	A	III
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13	B	E	II and III only
14	A	B	$f(3) = -1$ , Domain: $-4 \leq x \leq 3$
15	C	E	$f(a+2) = -2a - 1$