

Answers MA 15200 Exam 1

Problem	Form A	Form B
1	D 47	C 47
2	B I only	A I only
3	E $-22a - 14b + 32$	D $-22a - 14b + 32$
4	D (-5)	B (-5)
5	B $3^{-3} = -27$	E $3^{-3} = -27$
6	A $\frac{-64}{a^6b^{18}}$	D $\frac{-64}{a^6b^{18}}$
7	A 3.3×10^6	B 3.3×10^6
8	E $-22\sqrt{2}$	B $-22\sqrt{2}$
9	A $p = 32\sqrt{2} \text{ in.}, A = 96 \text{ in.}^2$	E $p = 32\sqrt{2} \text{ in.}, A = 96 \text{ in.}^2$
10	B $a^3 + 9a^2 + 27a + 27$	C $a^3 + 9a^2 + 27a + 27$
11	E $(21a^2y^2 + 29ay - 10)$	E $(21a^2y^2 + 29ay - 10)$
12	D $\frac{x(x+2)(x-3)}{x-5}$	A $\frac{x(x+2)(x-3)}{x-5}$
13	D $2x - 5$	A $2x - 5$
14	C $3a - 2$	B $3a - 2$
15	D $\frac{2a+1}{2(a-1)}$	C $\frac{2a+1}{2(a-1)}$