

# Exam 1A

Question #	Form A Summer 2012	Answer
1	D	$-\frac{71}{9}$
2	B	$\frac{-8p^{22}}{9}$
3	A	$\frac{y^4}{16x^2}$
4	C	$-x^2 + 18x + 7$
5	C	$2x - 1$
6	D	$(3x^2 + 2y^3)(9x^4 - 6x^2y^3 + 4y^6)$
7	C	$\frac{x - 3}{x + 3}$
8	E	$b^2(a + b)$
9	B	There is one solution for $x$ . It is between 0 and 10.
10	D	There is no solution for $x$ .
11	A	There are two solutions for $x$ . One is positive and one is negative.
12	E	$C = \frac{2}{P + N - 1}$
13	B	33 minutes
14	C	40 gallons
15	B	64 miles per hour