

Exam 1B

Question #	Form B Summer 2012	Answer
1	B	$-\frac{47}{16}$
2	C	$\frac{-27p^{26}}{16q^3}$
3	A	$\frac{9y^2}{x^6}$
4	E	None of the above
5	E	$7x + 3$
6	C	$(3x^2 - 2y^3)(9x^4 + 6x^2y^3 + 4y^6)$
7	A	$\frac{x + 3}{x - 3}$
8	A	$\frac{1}{b^2(b - a)}$
9	A	There is one solution for x . It is less than 0.
10	A	There is no solution for x .
11	C	There are two solutions for x . Both are negative.
12	A	$C = \frac{2}{P + N - 1}$
13	D	80 gallons
14	C	64 miles per hour
15	C	33 minutes