

# Exam 1B

Question #	Form B Fall 2012	Answer
1	A	45
2	D	$-\frac{2a^{15}}{b^{10}}$
3	C	$\frac{71}{8}$
4	E	$\frac{\sqrt{3x}}{3xy}$
5	D	$x^2 + 2x + 2$
6	B	$4x - 3$
7	A	$\frac{2x - 3}{x + 4}$
8	D	$\frac{x^2 - 7x - 20}{(x + 4)(x - 4)}$
9	C	$(x^2 + 4y^6)(x + 2y^3)(x - 2y^3)$
10	A	$2x + h$
11	B	$x$ is between $-2$ and $0$
12	E	$p = \frac{3w}{3 - 2w}$
13	B	5 hours
14	E	$4x + 2(400 - x) = 1400$
15	D	1 hour and 45 minutes