Exam 3A

Question #	Form A	Answer
1	C	$\dfrac{15}{4}$
2	B	$\dfrac{1}{x^2 + 3x}$
3	E	$f^{-1}(x) = \dfrac{5x}{3 + x}$
4	A	$(1, 5) \cup (5, \infty)$
5	E	See exam
6	E	None of the above
7	E	x-intercepts: $(6, 0), (-4, 0)$; y-intercept: $(0, -24)$
8	D	-3
9	B	$k = -2$
10	D	$x = -1, x = \dfrac{9}{5}$
11	D	There is no solution
12	D	$(-\infty, -5) \cup [-3, 5)$
13	B	$k = 8.4$
14	D	At least 400, but less than 500
15	C	$y = \dfrac{1}{125}(x - 50)^2 + 20$