

Exam 2A

| Question # | Form A | Answer |
|------------|--------|---|
| 1 | E | None of the above |
| 2 | D | $x = 7$ |
| 3 | D | $[-5, -1] \cup [3, \infty)$ |
| 4 | D | $12 - 5i$ |
| 5 | A | $(-\infty, -3] \cup \left[\frac{3}{2}, \infty\right)$ |
| 6 | A | There is one solution. It is negative. |
| 7 | D | See graph |
| 8 | B | $(x - 2)^2 + (y + 3)^2 = 17$ |
| 9 | E | $[-3, 2) \cup (2, \infty)$ |
| 10 | D | $(6, -12)$ |
| 11 | A | $\frac{5}{7}$ |
| 12 | E | See graph |
| 13 | D | $[86, 104]$ |
| 14 | B | $A = -120t + 1800$ |
| 15 | E | $d(x) = \sqrt{9x^2 + 2500}$ |