

Answers, Exam 2**MA 15200X, Fall 2008**

1) $x = -2, \frac{5}{2}$

2) $(x-6)^2 = 28$

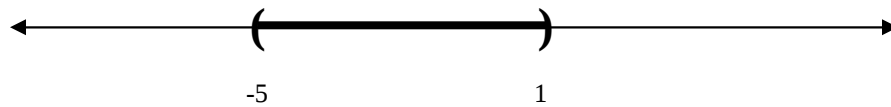
3) $4+12i$

4) $-40-42i$

5) $x = -6, 0, 3$

6) $n \leq \frac{18}{7}$

7)



8) $(2, 0), \left(0, -\frac{4}{3}\right)$

9) **None** are false.

10) $-\frac{3}{5}$

11) $3x-4y=-18$

12) It has symmetry about the x -axis.

13) $(1, 1)$

14) $2400 + 0.025x = 2700 + 0.015x$

15) $x^2 - 70x - 3000 = 0$