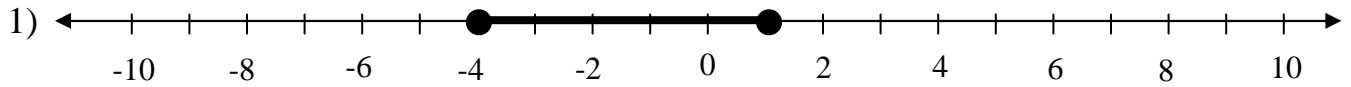


### Answers Exam 3, MA 11100, Fall 2008



2)  $-x^2 + 3x - 2$

3)  $9r^2 - 20r + 4$

4) I and II only

5)  $9a^4 - 36a^2b^2$

6)  $3x - 2$

7)  $a^3 + a^2 - 20a = a(a + 5)(a - 4)$

8)  $\left\{-\frac{1}{3}, 2\right\}$

9)  $\frac{x+1}{3x}$

10)  $\frac{1}{x+2}$

11)  $LCD = x(x+1)(x-1)$

12)  $y = \frac{11}{2}$

13)  $x = -3$

14)  $4x^2 - 60x + 71 = 0$

15)  $\frac{15}{2}$