

Chapter 3 Test

- 1) $x = -2$
- 3) $x = \frac{3}{2}$ is a solution to the equation.
- 5) When it is 90°F , it is approximately 32°C .
- 7)
 - a) Let t be the time (in hrs) it takes for the Titanic and Carpathia to meet.
 - b) $15.5t + 1.5t = 58$
 - c) Around 3:50 AM.
- 9) $x = \frac{80}{3}$
- 11) There are approximately 38 bears in this region.