

Chapter 5 Test

- 1)
- a) Let x be the first number and let y be the second number.
 $x = 12y$
 $x + y = 13$
 - b) $y = 1$ $x = 12$
 - c) Frances's 3-digit lottery number is 121.
- 3) The length of a leg is 3.2 cm and the length of the remaining side is 13.6 cm.
- 5) 170
- 7) 80%
- 9) 180 ml of a 15% solution is stronger.
- 11) Fred should invest \$3000 in AAA bonds and \$2000 in the CD.