

Chapter 3 sec 6
Application
Consecutive integers, mixture

Page 217, ex 1

The three sides of a triangle are consecutive integers and the perimeter is 72 inches. Find the measure of each side of the triangle.

Page 218, ex 2

The length and width of a rectangle are consecutive odd integers and the perimeter is 168 centimeters. Find the length and width of the rectangle.

Page 221, ex 4

Jose opens his piggy bank and finds that he has \$3.25, all in nickels and dimes. He has 10 more dimes than nickels. How many dimes and nickels does Jose have?

Page 226, 43

Alan inherits \$25 600 and decides to invest in two different types of accounts, a savings account paying 3.5% interest, and a certificate of deposit paying 6% interest. He decides to invest \$6 400 more in the certificate of deposit than in savings. Find the amount invested in the savings account.