

**LESSON
2.4****Challenge Practice***For use with the lesson "Solve Multi-Step Equations"*

In Exercises 1–6, use n to represent an integer, $2n$ to represent an even integer, and $2n + 1$ to represent an odd integer.

1. Find three consecutive integers whose sum is 48.
2. Find three consecutive even integers whose sum is 66.
3. Find three consecutive odd integers whose sum is 99.
4. Find four consecutive integers whose sum is 94.
5. Find four consecutive even integers whose sum is 148.
6. Find four consecutive odd integers whose sum is 72.
7. Manuel has pennies and nickels with a total value of \$1.15. The number of nickels is 43 less than the number of pennies. How many pennies does Manuel have?
8. Alicia has five times as many dimes as she has quarters. Combined the dimes and quarters total to \$9.75. How many dimes does Alicia have?
9. Lola has twice as many quarters and half as many nickels as does Ellen. Ellen has \$6.30 in quarters and nickels and has 6 less nickels than quarters. How much money does Lola have?