Codeyoung

Concept_HW_G8_ Some Applications of Linear Equations In One Variable(Simple Word Problems)

1. Find three consecutive integers such that the sum of the first, twice the second, and three times the third is −76.

2. The sum of two consecutive even integers is 106. What are the integers?

3. The sum of three consecutive odd integers is 189. What are the integers?

4. The sum of three consecutive odd integers is 255. What are the integers?

5. Find three consecutive odd integers such that the sum of the first, two times the second, and three times the third is 70.

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6. The second angle of a triangle is the same size as the first angle. The third angle is 12 degrees larger than the first angle. How large are the angles?

7. Two angles of a triangle are the same size. The third angle is 12 degrees smaller than the first angle. Find the measure the angles.

8. Two angles of a triangle are the same size. The third angle is 3 times as large as the first. How large are the angles?

9. The third angle of a triangle is the same size as the first. The second angle is 4 times the third. Find the measure of the angles.

10. The second angle of a triangle is 3 times as large as the first angle. The third angle is 30 degrees more than the first angle. Find the measure for the angles.

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