

Quiz 37

Solve.

1. $x = -4$

$4x + 7y = 5$

2. $x + 3y = -1$

$3x - 2y = 19$

3. Movie tickets cost \$12 for adults and \$10 for children. A group bought 9 tickets and paid \$98 in total. How many adults and how many children were in the group?
4. A man in a canoe travels 16 miles downstream in a river in 2 hours. The return trip upstream takes twice as long. Find the average speed of the canoe in still water and the speed of the current.
5. One juice drink is 12% orange juice. Another is 20% pineapple juice. How much of each should be mixed to make 16 ounces of 18% fruit juice?