

Quiz 27

Solve.

1. Hailey has x five-dollar bills and y one-dollar bills amounting to \$64. Write an equation relating x and y . If she has 9 ones, how many fives does she have?
2. Watermelons cost \$6 each. Mangos cost \$2 each. Sue has \$30 to buy x watermelons and y mangos. Write an equation relating x and y . If Sue buys 3 watermelons, how many mangos can she buy?
3. A 100-point test has x questions worth 4 points each and y questions worth 8 points each. Write an equation relating x and y . If there are 11 questions worth 4 points each, how many questions will be worth 8 points each?
4. A group of x adults and y children paid a total of \$98 for movie tickets. Adult tickets cost \$12 each and child tickets cost \$10 each. Write an equation relating x and y . If they bought 4 adult tickets, how many child tickets did they buy?
5. A restaurant has x tables that seat 2 people and y tables that seat 6 people. The restaurant can seat a total of 78 people. Write an equation relating x and y . If 15 tables seat 2 people, how many tables seat 6 people?