

Word Problems That Require Equations or Inequalities- Matching Worksheet

Match each problem to the correct answer.

- 1. For a dinner party, John and his wife are allowing for two restaurants in New York. A restaurant in fair view will cost \$150 for a reservation, plus \$40 per plate. Another restaurant in the same city will cost \$35 per plate, with \$280 for a reservation. To make the best decision, John and his wife figure out how many attendees it would take to have the venues cost the same amount.
- a. 21 people
- 2. Kitty wants to attend a wedding with her friends and relatives, which will be held in another city. She thought to hire a bus for this journey. Kitty is considering using one of two bus services. Yellow Bus Company will charge her \$450 for reservation, plus \$30 per seat. Bubbles Bus Service will charge \$250 for a reservation and \$40 per seat. Help her to make the best decision. She wants to use Yellow Bus Company. How many relatives would have to come to make Yellow Bus Company a better deal than Bubbles Bus Service?
- b. 2 sessions
- \$92
- 3. Rosy is a gym trainer and she wants to finalize her pricing plans. She makes a pricing plan with her friend. The first plan is to charge \$54 for the first session and then \$19 per session. The second plan is to charge \$34 for the first session and \$29 per session. Rosy and her friend feel that the two plans have the same cost for a definite number of sessions. How many sessions is that? What is that matching cost?
- c. 26 people

