Name _____ Date _____

List the factor pairs of the number.

1. 6

2. 7

3. 10

4. 16

5. 35

6. 55

Write the prime factorization of the number.

7. 9

8. 24

9. 40

10. 44

11. 50

12. 65

13. A fitness instructor arranges 30 people into rows. Each row has the same number of people.

   a. Can the instructor arrange the people into rows of 6?

   b. Can the instructor arrange the people into rows of 9?