Name _____ Date _____

Guess and Check

Use Guess and Check to solve the problems.

1. Trinity is thinking of two numbers. The product of the two numbers is 36. The sum of the two numbers is 15. What are the two numbers?

   _____

2. The product of two numbers is 48. The difference between the numbers is 8. What are the numbers?

   _____

3. The movie theater charges $4.00 for each child ticket and $7.00 for each adult ticket. The art club purchased a total of 20 tickets and spent $101.00. How many of each type of ticket did the club buy?

   _____

   _____

4. A bicycle shop has bicycles with 2 wheels and tricycles with 3 wheels. They have 15 different cycles for sale. The 15 cycles have 34 wheels. How many bicycles and tricycles does the shop have for sale?

   _____

   _____

5. A museum cashier collected $78 in fees. He collected only $5 and $1 bills. He collected 18 bills in all. How many of each kind of bill did the cashier collect?

   _____

   _____

6. David's novel has 12 chapters. Some of the chapters have 25 pages and some of the chapters have 37 pages. How many of each size chapter does the novel have if it is 360 pages long?

   _____

   _____

   _____