

Name: _____

ACE: P 17, #1-4

/11 pts Due Thursday 9/26

1. **a.** Ben claims that 12 is a factor of 24. How can you check whether he is correct?

b. How would you test whether 7 is a factor of 291?

2. **a.** What factor is paired with 6 to give 24?

b. What factor is paired with 5 to give 45?

c. What factor is paired with 3 to give 24?

d. What factor is paired with 6 to give 54?

3. **a.** Which of the numbers 19, 21, 23, and 25 has the most factors?

b. Find a number greater than 25 that has more factors than the numbers in part (a). List the factors.

c. Find a number smaller than 19 that has more factors than the numbers in part (a). List the factors.

4. **a.** The calculator screen below shows the result of dividing 84 by 14. What does the answer tell you about 14 and 84?



b. The calculator screen below shows the result of dividing 84 by 15. What does the answer tell you about 15 and 84?

