

**Chapter
1**

Practice Quiz 1.4-1.5

Write all your answers on the lines to the right

Answers

Use divisibility rules to determine whether the number is divisible by 2, 3, 5, 6, 9, and 10 and list those that are to the right.

1. 1620 2. 1708 3. 250

1. _____

2. _____

List the factor pairs of the numbers.

- 4) 48 5) 56

3. _____

4. _____

Tell whether or not the following numbers are prime or composite.

6. 43 7. 242 8. 77

5. _____

Write the prime factorization of the number.

9. 60 10. 72

6. _____

7. _____

8. _____

9. _____

Find the GCF of the numbers using lists of factors (List Method).

11. 18, 42 12. 24, 44, 52

Find the *GCF* of the numbers using prime factorizations (Prime Factorization Method).

13. 38, 68

14. 36, 81

Answers

13. _____

14. _____

15. _____

16. _____

17. _____

15. You are creating identical picnic baskets using 30 sandwiches and 42 cookies. What is the greatest number of baskets that you can fill using all of the food?

16. You are filling identical fruit bowls using 36 apples and 48 oranges. What is the greatest number of bowls that you can fill using all of the fruit?

17. You have 52 inches of yellow ribbon and 64 inches of red ribbon. You want to cut the ribbons into pieces of equal length with no leftovers. What is the greatest length of the pieces that you can make?