

HOMEWORK

Find the GCF of each set of numbers.

1. 64 and 72 _____

2. 80 and 100 _____

3. 54 and 99 _____

4. 50 and 100 _____

5. 48, 80, and 100 _____

6. 16, 32, and 96 _____

Find the pair of numbers that matches the description.

7. between 53 and 64 that have 9 as their GCF

8. between 12 and 22 that have 7 as their GCF

Problem Solving

9. There are 12 tour guides at the math museum. There are 42 visitors who want to go on a tour. The guides and visitors will split into groups. Each group will have the same number of guides and the same number of visitors as every other group. What is the greatest number of groups that can be formed? How many guides and visitors will be in each group?

Write About It

10. A librarian plans a display about world wildlife with 24 travel books and 36 wildlife books. His supervisor asks that each shelf have the same number of travel books and the same number of wildlife books as the other shelves. The librarian decides to use 8 shelves for the display. Write a critique of his plan, and offer two alternative plans that meet the supervisor's request.


