I can find and use the greatest common factor (GCF) or the least common multiple (LCM) of two whole numbers.

Homework W7_Day 8

Find the GCF of each pair of numbers.

1. 20 and 32 _____

2. 24 and 56 _____

3. 36 and 90 _____

4. 45 and 75 _____

5. 28 girls and 32 boys volunteer to plant trees at a school.
The principal divides the girls and boys into identical
groups that have girls and boys in each group. What
is the greatest number of groups the principal can make?   _____

Write the sum of the numbers as the product of their GCF and another sum.

6. $32 + 20$ _____

Find the LCM of each pair of numbers.

8. 6 and 12 _____

9. 6 and 10 _____

10. 8 and 9 _____

11. 9 and 12 _____

12. Juanita runs every third day and swims every fifth day.
If Juanita runs and swims today, in how many days
will she run and swim again on the same day?   _____

? ESSENTIAL QUESTION

13. What types of problems can be solved using the greatest common
factor? What types of problems can be solved using the least
common multiple?

_____

_____