Greatest Common Factor



COMMON CORE STANDARD—6.NS.4 *Compute fluently with multi-digit numbers and find common factors and multiples.*

List the common factors. Circle the greatest common factor.

1. 25 and 10

2. 36 and 90

3. 45 and 60

1, 5

Find the GCF.

4. 2, 8

5. 6, 15

6. 14, 18

7. 6, 48

8. 20, 50

9. 16, 100

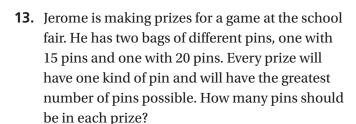
Use the GCF and the Distributive Property to express the sum as a product.

10. 20 + 35

11. 18 + 27

12. 64 + 40

Problem Solving (Real World



14. There are 24 sixth graders and 40 seventh graders. Mr. Chan wants to divide both grades into groups of equal size, with the greatest possible number of students in each group. How many students should be in each group?