LESSON
1

Number Theory and Fractions

Practice B: Factors and Prime Factorization

List all of the factors of each number.

1. 15

2. 24

3. 33

4. 72

5. 48

6. 95

7. 66

8. 87

9. 36

Write the prime factorization of each number.

10. 44

11. 56

12. 42

13. 39

14. 36

15. 125

16. 85

17. 100

18. 32

19. James has an assigned seat for his flight to Denver. The seats on the plane are numbered 1–49. James's seat number is an odd number greater than 10 that is factor of 100. What is his seat number for the flight?

20. Linda writes the prime factorization of 40 as 2 • 2 • 2 • 5 on the board. Phil writes the prime factorization of 40 as 2^3 • 5. Who is correct?

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