

Practice 3-5

Least Common Multiple

List multiples to find the LCM of each set of numbers.

1. 5, 10

2. 2, 3

3. 6, 8

4. 8, 10

5. 5, 6

6. 12, 15

7. 9, 15

8. 6, 15

9. 6, 9

10. 3, 5

11. 4, 5

12. 9, 21

13. 4, 6, 8

14. 6, 8, 12

15. 4, 9, 12

16. 6, 12, 15

17. 8, 12, 15

18. 2, 4, 5

Use prime factorizations to find the LCM of each set of numbers.

19. 18, 21

20. 15, 21

21. 18, 24

22. 15, 30

23. 24, 30

24. 24, 72

25. 8, 42

26. 16, 42

27. 8, 56

28. 8, 30

29. 16, 30

30. 18, 30

31. 12, 24, 16

32. 8, 16, 20

33. 12, 16, 20

34. At a store, hot dogs come in packages of eight and hot dog buns come in packages of twelve. What is the least number of packages of each type that you can buy and have no hot dogs or buns left over?
