2. You eat $\frac{2}{3}$ of a batch of 18 muffins. How many muffins did you eat?

3. A baker used $\frac{3}{5}$ of the flour called for in a recipe, which makes 20 muffins. How many muffins did she make?

4. A recipe makes 12 muffins per batch. You plan to make 1 $\frac{1}{2}$ batches, but you only use $\frac{2}{3}$ of that amount. How many muffins do you make?

5. A tray holds 8 muffins. You fill $\frac{3}{4}$ of the tray. How many muffins are on the tray?

6. You made $\frac{2}{3}$ of 24 muffins, and your friend ate $\frac{1}{2}$ of what you made. How many muffins did your friend eat?

7. A bakery sold $\frac{2}{5}$ of its 50 muffins in the morning. Of the muffins sold in the morning, $\frac{3}{4}$ were chocolate. How many chocolate muffins were sold in the morning?

8. A recipe calls for $\frac{3}{4}$ cup of sugar for a batch of 12 muffins. If you make $\frac{2}{3}$ of a batch, how much sugar do you use?

9. You planned to bake 3 batches of a 12-muffin recipe, but only baked $\frac{5}{6}$ of that plan. How many muffins did you bake?

10. A school needed 120 muffins. They baked $\frac{4}{5}$ of the number they planned. How many muffins did they bake?

11. You use $\frac{2}{3}$ of the batter to make muffins and $\frac{3}{4}$ of those are blueberry. If the full recipe makes 24 muffins, how many are blueberry?

12. A kid eats $\frac{1}{3}$ of $\frac{3}{5}$ of a tray of 18 muffins. How many muffins did the kid eat?

13. A recipe yields 16 muffins. You make $\frac{7}{8}$ of the recipe and then share $\frac{1}{2}$ of those with friends. How many muffins do your friends get?

14. You bake $\frac{3}{4}$ of a batch of 20 muffins. Then you give away $\frac{2}{5}$ of the muffins you baked. How many did you give away?

15. A large mini-muffin tin holds 18 mini muffins. You fill $\frac{5}{6}$ of the tin and then $\frac{2}{3}$ of those are banana mini-muffins. How many banana mini-muffins are there?

16. A recipe calls for $\frac{2}{3}$ cup milk for a batch of 9 muffins. If you make $\frac{4}{5}$ of a batch, how much milk do you need?

17. You planned to bake 5 batches of 6 muffins (30 muffins). You end up baking $\frac{4}{5}$ of the planned batches, and then you eat $\frac{1}{3}$ of what you baked. How many muffins did you eat?

Laundry (18-34)

18. There are 12 loads of laundry. You wash $\frac{3}{4}$ of them. Each load uses $\frac{2}{3}$ cup of detergent. How much detergent do you use in total?

19. You have 12 shirts. $\frac{2}{3}$ are white. You stain $\frac{1}{2}$ of the white shirts. How many white shirts are stained?

20. A family does 10 loads of laundry per month. This month they did $\frac{4}{5}$ of their usual loads and $\frac{3}{4}$ of those were towel loads. How many towel loads did they do?

21. A dryer cycle takes $\frac{3}{4}$ of an hour. If you run $\frac{2}{3}$ of that time for a quick dry, how long is the quick dry?

22. A hamper is $\frac{5}{6}$ full. You wash $\frac{2}{5}$ of the clothes in the hamper. What fraction of the hamper did you wash?

23. You have 15 pairs of socks. $\frac{2}{3}$ of them are clean. If you wash $\frac{3}{5}$ of the clean socks, how many pairs did you wash?

24. A detergent bottle contains $\frac{3}{4}$ liter. You use $\frac{1}{10}$ of that amount each wash. How much detergent do you use per wash?

25. You plan to wash 8 loads. You only do $\frac{3}{4}$ of the plan and each load you did takes $\frac{2}{3}$ of a full machine capacity. How many full machine-capacity loads did you wash?

26. A child has 20 shirts. $\frac{1}{2}$ are short-sleeved. If $\frac{2}{5}$ of the short-sleeved shirts need mending, how many shirts need mending?

27. A washing plan uses $\frac{4}{5}$ of the normal detergent amount for an eco cycle. If the normal amount is $\frac{1}{2}$ cup, how much is used on the eco cycle?

28. A laundry basket holds 30 items. It's $\frac{2}{3}$ full. If you wash only $\frac{3}{5}$ of what's in the basket, how many items are washed?

29. A washer load is $\frac{7}{8}$ full of clothes. If $\frac{1}{4}$ of the clothes are wool, what fraction of a full washer is wool?

30. You use $\frac{2}{3}$ cup of fabric softener for a normal wash. For small loads you use $\frac{1}{3}$ of that amount. How much fabric softener is used for a small load?

31. A family does 18 loads a month. $\frac{4}{9}$ of them are colored clothes. They decide to wash only $\frac{3}{4}$ of the colored loads to save energy. How many colored loads did they wash?

32. A detergent bottle is 1 $\frac{1}{2}$ liters. You use $\frac{2}{5}$ of it in a month. How many liters do you use?

33. One towel load uses $\frac{5}{6}$ cup of detergent. You wash $\frac{2}{3}$ of 9 planned towel loads. How many cups of detergent do you use?

34. You use $\frac{3}{4}$ of a box of dryer sheets each month. If you use only $\frac{2}{5}$ of that amount this month, what fraction of a box did you use?

Bike (35-50)

35. You bike 12 miles on a trip. You ride $\frac{3}{4}$ of the distance before lunch. How many miles is that?

36. A bike tire has a 24-inch circumference. You ride $\frac{2}{3}$ of a lap. How many inches did the tire travel?

37. You planned to ride 16 miles. You rode $\frac{5}{8}$ of the plan. How many miles did you ride?

38. On a bike path that is 8 miles long, $\frac{3}{4}$ of the path is shaded. How many miles are shaded?

39. You ride $\frac{2}{3}$ of a 15-mile trip. How far did you ride?

40. A cyclist trains for $\frac{3}{5}$ of an hour at a steady pace of 6 miles per hour. How far does she go?

41. Your bike trip is 9 miles. If you walk your bike $\frac{1}{3}$ of the distance and ride the remaining $\frac{2}{3}$, how many miles do you ride?

42. A child bikes $\frac{4}{5}$ of a 20-mile club route. How many miles do they bike?

43. A bike wheel travels $\frac{2}{3}$ of a mile per minute. If you bike for $\frac{3}{4}$ of a minute, how far do you go?

44. You ride $\frac{7}{8}$ of a 32-mile trail. How many miles did you ride?

45. A family bikes for 1 $\frac{1}{2}$ hours at $\frac{4}{5}$ of their usual speed of 12 miles per hour. How far do they bike?

46. You ride $\frac{3}{4}$ of $\frac{2}{3}$ of a 24-mile route. How many miles do you ride?

47. A 20-mile race: the cyclist completes $\frac{2}{5}$ of the race in the morning and then completes $\frac{3}{4}$ of what remained in the afternoon. How many miles did they ride in the afternoon?

48. Your e-bike battery lasts for $\frac{5}{6}$ of a day. You use $\frac{2}{3}$ of that battery on a long ride. What fraction of a day did you use the battery?

49. A trail is 15 miles. You ride $\frac{2}{3}$ of the trail and then ride $\frac{4}{5}$ of that portion fast. How many miles did you ride fast?

50. A bike tour covers 30 miles. On the first day riders complete $\frac{2}{5}$ of the tour. On the second day they complete $\frac{3}{4}$ of the remaining distance. How many miles did they ride on the second day?