School786
AN ONLINE SCHOOL

Name: Due Date: Teacher: Parent Sign:

2. What is the LCD of $\frac{2}{5}$ and $\frac{3}{7}$?

3. Convert $\frac{2}{3}$ and $\frac{1}{4}$ to equivalent fractions with a common denominator.

4. Add $\frac{2}{3} + \frac{1}{4}$. Use a common denominator to find the sum.

5. Subtract $\frac{1}{4}$ from $\frac{5}{6}$. Use a common denominator.

6. What is the LCD of $\frac{3}{8}$ and $\frac{1}{6}$?

7. Rewrite $\frac{3}{8}$ and $\frac{5}{6}$ as equivalent fractions with a common denominator.

8. Add $\frac{3}{8} + \frac{5}{6}$. Give the answer as an improper fraction and as a mixed number.

9. Compare $\frac{4}{9}$ and $\frac{2}{3}$ by finding a common denominator. Which is larger?

10. What is the LCD of $\frac{7}{10}$ and $\frac{2}{3}$?

11. Convert $\frac{7}{10}$ and $\frac{2}{3}$ to equivalent fractions with denominator 30.

12. Add $\frac{7}{10} + \frac{2}{3}$. Simplify the answer if possible.

13. Subtract $\frac{1}{5}$ from $\frac{5}{12}$. Use a common denominator and simplify.

14. What is the LCD of $\frac{4}{7}$ and $\frac{3}{14}$?

15. Rewrite $\frac{4}{7}$ and $\frac{3}{14}$ with a common denominator and then add them.

Common denominators: $\frac{1}{4}$ and $\frac{5}{6}$ (questions 16-32)

16. What is the least common denominator (LCD) of $\frac{1}{4}$ and $\frac{5}{6}$?

17. Write $\frac{1}{4}$ and $\frac{5}{6}$ as equivalent fractions with denominator 12.

18. Add $\frac{1}{4} + \frac{5}{6}$. Give the answer as an improper fraction and as a mixed number.

19. Subtract $\frac{1}{4}$ from $\frac{5}{6}$. Use twelfths.

20. Simplify the result of question 19, if it can be simplified.

21. If you have $\frac{1}{4}$ of a cake and your friend has $\frac{5}{6}$ of a cake, how much cake do you have together?

22. Jane drank $\frac{1}{4}$ liter of juice and Tom drank $\frac{5}{6}$ liter. Who drank more and by how much?

23. Convert $\frac{1}{4}$ and $\frac{5}{6}$ to twelfths and subtract the smaller from the larger.

24. Give equivalent fractions for $\frac{1}{4}$ and $\frac{5}{6}$ with denominator 24.

25. Add $\frac{1}{4} + \frac{5}{6} + \frac{1}{12}$. Simplify.

26. A ribbon $\frac{5}{6}$ meter long and another $\frac{1}{4}$ meter long are taped together. What is the total length?

27. You need $\frac{1}{4}$ cup of sugar for one cookie recipe and $\frac{5}{6}$ cup for another. How much sugar is needed for both?

28. Karen ate $\frac{1}{4}$ of a pizza and Mike ate $\frac{5}{6}$ of a pizza (same size pizzas). How many whole pizzas were eaten?

29. Express the difference between $\frac{5}{6}$ and $\frac{1}{4}$ using denominator 12 and simplify.

30. If you subtract $\frac{1}{4}$ yard from $\frac{5}{6}$ yard, how much remains?

31. Fill in the blanks: $\frac{1}{4} = ?/12$ and $\frac{5}{6} = ?/12$.

32. Which is greater: $\frac{1}{4}$ or $\frac{5}{6}$? By how much?

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Common denominators: $\frac{3}{5}$ and $\frac{7}{2}$ (questions 33-50)

33. What is the least common denominator (LCD) of $\frac{3}{5}$ and $\frac{7}{2}$?

34. Write $\frac{3}{5}$ and $\frac{7}{2}$ as equivalent fractions with denominator 10.

35. Add $\frac{3}{5} + \frac{7}{2}$. Give the answer as an improper fraction and as a mixed number.

36. Subtract $\frac{3}{5}$ from $\frac{7}{2}$. Give the answer as an improper fraction and as a mixed number.

37. Which is larger, $\frac{3}{5}$ or $\frac{7}{2}$? By how much?

38. If you combine ribbons of length $\frac{3}{5}$ m and $\frac{7}{2}$ m, what is the total length?

39. From a rope $\frac{7}{2}$ meters long, you cut pieces each $\frac{3}{5}$ meters long. How many full pieces can you cut? How much rope is left over?

40. Rewrite $\frac{3}{5}$ and $\frac{7}{2}$ with denominator 20.

41. Add $\frac{3}{5} + \frac{7}{2} + \frac{1}{10}$. Simplify your answer.

42. A tank holds $\frac{7}{2}$ liters of water. If $\frac{3}{5}$ liter is taken out, how much remains?

43. Tom walked $\frac{3}{5}$ mile in the morning and $\frac{7}{2}$ miles in the afternoon. How far did he walk in total?

44. Express $\frac{7}{2}$ as a mixed number and as a decimal.

45. You used $\frac{3}{5}$ of a bag of sugar and then used another $\frac{7}{2}$ bags. How much sugar did you use in total?

46. Subtract $\frac{3}{5}$ from $\frac{7}{2}$ and write the result as a mixed number.

47. Convert $\frac{3}{5}$ and $\frac{7}{2}$ to tenths, then write the total $\frac{3}{5} + \frac{7}{2}$ as a mixed number.

48. If you start with 10, spend $\frac{7}{2}$, then receive $\frac{3}{5}$, what is the final amount? (Compute 10 - $\frac{7}{2} + \frac{3}{5}$.)

49. Write $\frac{3}{5} + \frac{7}{2}$ as an improper fraction and then as a mixed number.

50. Fill in the blanks: $\frac{3}{5} = ?/10$ and $\frac{7}{2} = ?/10$.