

Löse alle Aufgaben ins Heft. Achte auf eine gute Darstellung! Lass es dir zeigen!

1. $\frac{2}{3} \cdot \frac{3}{5} =$

2. $\frac{2}{3} \cdot \frac{6}{7} =$

3. $\frac{3}{4} \cdot \frac{6}{7} =$

4. $\frac{3}{5} \cdot \frac{1}{5} =$

5. $\frac{9}{4} \cdot \frac{1}{9} =$

6. $\frac{5}{8} \cdot \frac{4}{3} =$

7. $\frac{7}{11} \cdot \frac{11}{12} =$

8. $\frac{9}{25} \cdot \frac{5}{3} =$

9. $\frac{4}{9} \cdot 6 =$

10. $\frac{5}{6} \cdot \frac{12}{15} =$

11. $\frac{10}{3} \cdot \frac{12}{5} =$

12. $\frac{9}{10} \cdot \frac{1}{6} =$

13. $\frac{4}{15} \cdot \frac{3}{8} =$

14. $\frac{4}{15} \cdot \frac{1}{3} =$

15. $\frac{8}{9} \cdot 4 =$

16. $\frac{9}{4} \cdot \frac{2}{3} =$

17. $4 \cdot \frac{8}{3} =$

18. $\frac{25}{36} \cdot \frac{63}{40} =$

19. $\frac{60}{55} \cdot \frac{25}{84} =$

20. $\frac{44}{75} \cdot \frac{24}{77} =$

21. $\frac{8}{9} \cdot \frac{1}{2} \cdot \frac{3}{4} =$

22. $\frac{4}{7} \cdot \frac{14}{15} \cdot \frac{5}{6} =$

23. $\frac{5}{8} \cdot \frac{15}{2} \cdot \frac{3}{10} =$

24. $\frac{4}{9} \cdot \frac{7}{8} \cdot \frac{1}{4} =$

25. $\frac{5}{4} \cdot \frac{1}{10} \cdot \frac{2}{3} =$

26. $\frac{3}{8} \cdot \frac{2}{3} \cdot \frac{6}{5} =$

27. $\frac{3}{2} \cdot \frac{3}{2} \cdot \frac{3}{2} =$

28. $\frac{3}{2} \cdot \frac{3}{2} \cdot \frac{4}{9} =$

29. $\frac{4}{5} \cdot \frac{5}{8} \cdot \frac{8}{9} =$

30. $\frac{1}{2} \cdot \frac{1}{3} \cdot \frac{3}{4} =$

31. $\frac{13}{14} \cdot \frac{1}{12} \cdot \frac{7}{8} =$

32. $\frac{12}{25} \cdot \frac{7}{24} \cdot \frac{15}{14} =$

33. $\frac{3}{5} \cdot \frac{1}{3} \cdot \frac{25}{17} =$

34. $\frac{9}{20} \cdot \frac{10}{21} =$

35. $\frac{3}{5} \cdot \frac{15}{45} =$

36. $\frac{11}{12} \cdot \frac{6}{55} =$

37. $\frac{4}{15} \cdot \frac{1}{8} =$

38. $\frac{15}{16} \cdot \frac{20}{55} =$

39. $\frac{4}{7} \cdot \frac{15}{12} =$

40. $\frac{24}{25} \cdot \frac{5}{8} =$

41. $\frac{6}{17} \cdot \frac{34}{9} =$

42. $\frac{a}{b} \cdot \frac{c}{d} =$

43. $\frac{a^2}{b} \cdot \frac{c^2}{ad} =$

44. $\frac{x^2y}{az} \cdot \frac{ax}{z} =$

45. $\frac{a^2}{2b} \cdot \frac{c^2}{3a^2} =$

46. $\frac{e^3}{3f} \cdot \frac{f^2}{4e} =$

47. $\frac{3kl}{m} \cdot \frac{5ml}{6k} =$

48. $\frac{2p^3}{5q^2} \cdot \frac{15q}{16p} =$

49. $4\frac{1}{2} \cdot \frac{3}{5} =$

50. $2\frac{1}{7} \cdot \frac{7}{11} =$

51. $\frac{3}{4} \cdot 2\frac{1}{5} =$

52. $7 \cdot 3\frac{3}{4} =$

53. $1\frac{2}{3} \cdot 7 =$

54. $6\frac{1}{4} \cdot \frac{4}{25} =$

55. $4\frac{1}{3} \cdot \frac{1}{2} =$

56. $\frac{2}{3} \cdot 1\frac{2}{3} =$

57. $\frac{4}{5} \cdot 2\frac{1}{4} =$

58. $1\frac{1}{4} \cdot 2\frac{1}{2} =$

59. $1\frac{1}{2} \cdot 1\frac{1}{2} =$

60. $2\frac{2}{3} \cdot 1\frac{1}{8} =$

61. $\left(2\frac{1}{2}\right)^2 =$

62. $\left(3\frac{2}{3}\right)^2 =$

63. $\frac{1}{2} : \frac{1}{3} =$

64. $\frac{1}{5} : \frac{1}{2} =$

65. $\frac{2}{3} : \frac{1}{4} =$

66. $\frac{3}{4} : \frac{2}{3} =$

67. $\frac{3}{8} : \frac{2}{5} =$

68. $\frac{4}{9} : \frac{5}{7} =$

69. $\frac{8}{5} : \frac{4}{3} =$

70. $\frac{16}{9} : \frac{12}{11} =$

71. $\frac{25}{34} : \frac{15}{17} =$

72. $\frac{7}{40} : \frac{70}{100} =$

73. $\frac{11}{12} : \frac{12}{11} =$

74. $\frac{4}{7} : \frac{2}{21} =$

75. $\frac{3}{4} : \frac{5}{2} =$

76. $\frac{6}{7} : \frac{2}{5} =$

77. $\frac{5}{6} : \frac{2}{3} =$

78. $\frac{8}{15} : \frac{4}{5} =$

79. $\frac{9}{16} : \frac{3}{4} =$

80. $\frac{21}{22} : \frac{14}{55} =$

81. $\frac{15}{18} : \frac{5}{3} =$

82. $\frac{18}{35} : \frac{9}{70} =$

83. $20\frac{1}{2} : \frac{1}{10} =$

84. $\frac{3}{20} : 2\frac{2}{7} =$

85. $1\frac{2}{3} : \frac{7}{2} =$

86. $\frac{5}{7} : 2\frac{1}{7} =$

87. $2\frac{1}{3} : 2\frac{1}{6} =$

88. $5 : 2\frac{1}{2} =$

89. $2\frac{1}{2} : 5 =$

90. $5\frac{1}{2} : 1\frac{1}{2} =$

91. $\frac{a}{b} : \frac{c}{d} =$

92. $\frac{ab}{c} : \frac{d}{e} =$

93. $\frac{a^2b}{c} : \frac{de^2}{f} =$

94. $\frac{ab}{c^2} : \frac{d^2}{ef} =$

95. $\frac{a^2}{2b} : \frac{b^2}{3c} =$

96. $\frac{2e^3}{3f} : \frac{4e^2}{5f} =$

97. $\frac{3p^2}{5q^3} : \frac{18p}{35q^2} =$

98. $\frac{8x^2y}{21z} : \frac{4xy^2}{7z^2} =$

99. $\frac{\frac{3}{4}}{\frac{4}{3}} =$

100. $\frac{\frac{2}{5}}{\frac{3}{4}} =$

101. $\frac{\frac{3}{8}}{\frac{5}{10}} =$

102. $\frac{\frac{4}{5}}{\frac{3}{5}} =$

103. $\frac{\frac{3}{8}}{\frac{6}{6}} =$

104. $\frac{\frac{5}{6}}{\frac{10}{10}} =$

105. $\frac{\frac{5}{2}}{\frac{3}{3}} =$

106. $\frac{\frac{5}{2}}{\frac{3}{3}} =$

107. $\frac{\frac{9}{13}}{\frac{15}{26}} =$

108. $\frac{\frac{32}{55}}{\frac{8}{11}} =$

109. $\frac{\frac{3}{7}}{\frac{4}{21}} =$

110. $\frac{\frac{1}{3}}{\frac{7}{7}} =$

111. $\frac{\frac{6}{5}}{\frac{5}{6}} =$

112. $\frac{1}{\frac{1}{2}} =$

113. $\frac{\frac{4}{9}}{\frac{100}{99}} =$

114. $\frac{\frac{17}{50}}{\frac{51}{60}} =$

115. $\frac{2\frac{1}{2}}{3\frac{1}{4}} =$

116. $\frac{1\frac{2}{7}}{\frac{1}{4} + \frac{5}{7}} =$

117. $\frac{1}{1 + \frac{1}{2}} =$

118. $\frac{\frac{a^2b}{c}}{\frac{ab^2}{c^2}} =$

119. $\frac{\frac{6p^2q}{5rs^2}}{\frac{18pq^2}{25r^2s}} =$

120. $\frac{\frac{12x^3y}{35z^2}}{\frac{8x^2y^2}{21z}} =$

121. $\left(\frac{3}{4} + 1\frac{1}{2}\right) : \frac{3}{2} =$

122. $\left(1\frac{1}{2} - \frac{3}{4}\right) : \frac{4}{3} =$

123. $\frac{2}{3} \cdot \frac{4}{5} + \frac{1}{2} \cdot \frac{5}{3} =$

124. $\left(\frac{3}{8} : \frac{2}{3}\right) : \frac{4}{5} =$

125. $\left(1\frac{1}{2} \cdot \frac{7}{6}\right) : \frac{1}{4} =$

126. $\left(\frac{4}{3} : \frac{2}{3}\right) \cdot \frac{5}{6} =$

127. $\left(\frac{4}{5} - \frac{2}{3}\right) \cdot \left(\frac{1}{2} + \frac{1}{3}\right) =$