



1) $15/4 \times 8/3$

Answer: _____

2) Simplify 47:5

Answer: _____

3) Convert the following mixed number $13\frac{15}{2}$ to an improper fraction.

Answer: _____

4) Increase 58 by $\frac{2}{29}$

Answer: _____

5) Decrease 278 by $\frac{5}{139}$

Answer: _____

6) $\frac{13}{14} - \frac{12}{16}$

Answer: _____

7) $^{19}_{5} + ^{1}_{18}$

Answer: _____

8) 35% of 64

Answer: _____

9) An amount was increased by 6.4% to \$363.89. Find the original amount.

Answer: _____

10) $^{18}_{16}\text{S} - ^9_{15}\text{P}$

Answer: _____

11) Convert the following mixed number $10\frac{8}{12}$ to an improper fraction.

Answer: _____

12) Simplify 18:46

Answer: _____

13) $\frac{3}{13} \div \frac{18}{14}$

Answer: _____

14) $^{14}_3\text{Li} - ^3_2\text{He}$

Answer: _____

15) $\frac{7}{8} \div \frac{8}{15}$

Answer: _____



16) $\frac{19}{5} \div \frac{14}{13}$

Answer: _____

17) $14^{3/12} \div 12^{15/18}$

Answer: _____

18) Convert the following fraction into a mixed number: $\frac{36}{2}$

Answer: _____

19) Convert the following fraction into a mixed number: $\frac{31}{19}$

Answer: _____

20) $^{18}_{20} + ^5_{17}$

Answer: _____

21) Increase 30 by $\frac{2}{15}$

Answer: _____

22) Find the percentage change from 50 to 64

Answer: _____

23) A number was shared in the ratio 5:20. The smaller share was 33. What was the total amount shared?

Answer: _____

24) Convert the following mixed number $13\frac{10}{3}$ to an improper fraction.

Answer: _____

25) Convert the following fraction into a mixed number: $\frac{21}{14}$

Answer: _____

26) $9^{18/19} \div 6^{2/3}$

Answer: _____

27) $\frac{8}{6} \div \frac{11}{12}$

Answer: _____

28) Increase 135 by $\frac{2}{27}$

Answer: _____

29) Convert the following improper fraction $6\frac{7}{13} + 3\frac{10}{11}$ to a mixed number

Answer: _____

30) A number was shared in the ratio 3:27. The smaller share was 17. What was the larger amount?

Answer: _____

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31) Increase 288 by $\frac{1}{72}$

Answer: _____

32) A number was shared in the ratio 2:4. The smaller share was 10. What was the larger amount?

Answer: _____

33) Share 44 in the ratio 1:43

Answer: _____

34) Convert the following fraction into a mixed number: $\frac{40}{17}$

Answer: _____

35) $\frac{18}{9} - \frac{20}{15}$

Answer: _____

36) Increase 188 by $\frac{2}{47}$

Answer: _____

37) Find the percentage change from 2 to 21

Answer: _____

38) $\frac{3}{2} - \frac{3}{8}$

Answer: _____

39) $\frac{20}{15} \div \frac{3}{5}$

Answer: _____

40) $\frac{9}{5} - \frac{8}{20}$

Answer: _____

41) $\frac{15}{12} + \frac{7}{20}$

Answer: _____

42) $\frac{18}{5} - \frac{11}{6}$

Answer: _____

43) $\frac{12}{18} + \frac{5}{2}$

Answer: _____

44) $\frac{9^2}{6} \times \frac{2^6}{7}$

Answer: _____

45) $\frac{13}{7} - \frac{15}{13}$

Answer: _____



46) Simplify 44:20

Answer: _____

47) Convert the following improper fraction $16\frac{9}{13} + 8\frac{4}{9}$ to a mixed number

Answer: _____

48) Share 56 in the ratio 26:2

Answer: _____

49) $9/_{26}$ of 52

Answer: _____

50) Convert the following fraction into a mixed number: $\frac{25}{20}$

Answer: _____

51) $18^{5/9} \times 1^{6/18}$

Answer: _____

52) A number was shared in the ratio 37:34. The larger share was 37. What was the smaller amount?

Answer: _____

53) $14 \frac{2}{20} - 4 \frac{8}{15}$

Answer: _____

54) Simplify 50:47

Answer: _____

55) $^{14}_{12} + ^{11}_{12}$

Answer: _____

56) Share 43 in the ratio 25:18

Answer: _____

57) An amount was decreased by 5% to \$283.02. Find the original amount.

Answer: _____

58) Share 46 in the ratio 42:4

Answer: _____

59) ${}^{19}_{2} \div {}^{12}_{11}$

Answer: _____

60) $15^{2/10} \times 6^{11/12}$

Answer: _____



61) $8^{1/2} \div 4^{11/14}$

Answer: _____

62) $16^{4/15} \times 10^{9/18}$

Answer: _____

63) Share 41 in the ratio 38:3

Answer: _____

64) **18** ⁵/₁₇ - **19** ¹¹/₁₂

Answer: _____

65) An amount was decreased by 10% to \$467.00. Find the original amount.

Answer: _____

66) Share 46 in the ratio 10:13

Answer: _____

67) Share 43 in the ratio 27:16

Answer: _____

68) Convert the following fraction into a mixed number: $\frac{7}{2}$

Answer: _____

69) Convert the following mixed number $9\frac{3}{16}$ to an improper fraction.

Answer: _____

70) Decrease 114 by $\frac{2}{57}$

Answer: _____

71) Convert the following fraction into a mixed number: $\frac{33}{16}$

Answer: _____

72) $\frac{3}{14} \times \frac{16}{16}$

Answer: _____

73) Increase 260 by $\frac{1}{65}$

Answer: _____

74) $\frac{9}{8} - \frac{6}{7}$

Answer: _____

75) Convert the following improper fraction $7\frac{7}{8} + 20\frac{16}{17}$ to a mixed number

Answer: _____

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76) An amount was increased by 6% to \$169.00. Find the original amount.

Answer: _____

77) Share 6 in the ratio 2:4

Answer: _____

78) 41% of 31

Answer: _____

79) Increase 248 by $\frac{1}{62}$

Answer: _____

80) 33% of 15

Answer: _____

81) $\frac{3}{29}$ of 174

Answer: _____

82) Simplify 41:50

Answer: _____

83) Simplify 14:40

Answer: _____

84) Share 22 in the ratio 2:9

Answer: _____

85) $20\frac{3}{6} - 15\frac{4}{18}$

Answer: _____

86) Convert the following improper fraction $9\frac{11}{19} + 1\frac{7}{11}$ to a mixed number

Answer: _____

87) Share 48 in the ratio 3:13

Answer: _____

88) $17\frac{7}{8} \div 5\frac{2}{3}$

Answer: _____

89) $2\frac{10}{16} \div 20\frac{1}{2}$

Answer: _____

90) $\frac{11}{10} \div \frac{8}{11}$

Answer: _____

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91) $\frac{15}{11} \times \frac{6}{20}$

Answer: _____

92) 93% of 80

Answer: _____

93) A number was shared in the ratio 23:46. The smaller share was 59. What was the larger amount?

Answer: _____

94) $\frac{1}{17}$ of 170

Answer: _____

95) Convert the following mixed number $13\frac{6}{5}$ to an improper fraction.

Answer: _____

96) $\frac{3}{13} \div \frac{11}{3}$

Answer: _____

97) $\frac{19}{11} - \frac{3}{6}$

Answer: _____

98) $\frac{17}{3} \div \frac{6}{13}$

Answer: _____

99) $\frac{16}{7} \div \frac{6}{13}$

Answer: _____

100) Decrease 234 by $\frac{2}{117}$

Answer: _____

Total: ____ / 100