Spardhaguru India Private Limited
Simple Fraction Master paper

1) $\frac{1}{4} + \frac{5}{4} = ?$

a) $\frac{1}{8}$ b) $\frac{6}{9}$ c) $\frac{4}{7}$ d) $\frac{3}{2}$

2) $\frac{1}{3} + \frac{2}{4} = ?$

a) $\frac{6}{5}$ b) $\frac{5}{4}$ c) $\frac{5}{6}$ d) $\frac{4}{5}$

3) $\frac{1}{3} - \frac{2}{4} = ?$

a) $-\frac{1}{6}$ b) $\frac{1}{6}$ c) $\frac{5}{6}$ d) $-\frac{5}{6}$

4) $\frac{1}{3} \times \frac{2}{4} = ?$

a) $\frac{1}{6}$ b) $\frac{1}{12}$ c) $\frac{2}{12}$ d) $\frac{12}{5}$

5) $2\frac{1}{4} + 3\frac{2}{4}$

a) $5\frac{3}{2}$ b) $4\frac{3}{5}$
c) $7\frac{5}{3}$ d) $3\frac{1}{5}$

6) $3\frac{1}{6} + 2\frac{1}{4} = ?$

a) $6\frac{4}{12}$ b) $4\frac{4}{9}$
c) $5\frac{5}{12}$ d) $7\frac{1}{24}$

7) $2\frac{4}{6} + 3\frac{4}{6} = ?$

a) $6\frac{1}{5}$ b) $3\frac{1}{4}$
c) $5\frac{1}{6}$ d) $6\frac{1}{3}$

8) $2\frac{1}{4} - 3\frac{2}{4} = ?$

a) $-\frac{4}{3}$ b) $-\frac{3}{4}$
c) $\frac{4}{3}$ d) $-\frac{1}{5}$

9) $5 - \frac{3}{5} = ?$

a) $9\frac{2}{5}$ b) $9\frac{5}{3}$
c) $\frac{2}{4}$ d) $\frac{1}{6}$

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10) $6 - \frac{47}{49} = ?$

a) $8\frac{3}{43}$ b) $4\frac{8}{23}$

c) $5\frac{2}{49}$ d) $9\frac{3}{41}$

11) $17 - \frac{47}{49} = ?$

a) $15\frac{2}{43}$ b) $21\frac{3}{67}$

c) $16\frac{2}{49}$ d) $\frac{4}{56}$

12) $3 - \frac{88}{96} = ?$

a) $5\frac{1}{3}$ b) $2\frac{1}{12}$

c) $8\frac{1}{6}$ d) $4\frac{12}{14}$

13) $\frac{1}{2} + \frac{3}{2} \times \frac{4}{6} \div \frac{1}{8} = ?$

a) $8\frac{1}{3}$ b) $8\frac{1}{2}$

c) $4\frac{1}{3}$ d) $7\frac{1}{4}$

14) $\frac{1}{2} + \frac{3}{6} \times \frac{4}{2} + \frac{6}{2} = ?$

a) $7\frac{1}{2}$ b) $7\frac{1}{2}$

c) $4\frac{1}{2}$ d) $2\frac{1}{2}$

15) $\frac{1}{2} + \frac{2}{6} + \frac{2}{3} \times \frac{4}{6}$

a) $1\frac{5}{18}$ b) $\frac{4}{6}$

c) $5\frac{1}{4}$ d) $5\frac{5}{6}$

16) $\frac{1}{2} \times \frac{4}{3} + \frac{6}{2} \div \frac{1}{9}$

a) $26\frac{2}{3}$ c) $27\frac{2}{3}$

c) $29\frac{2}{3}$ d) $23\frac{2}{3}$

17) $\frac{1}{2}\{3 \times 4 \div 3\} + [\sqrt{12 \times 145 \div 6 + 34}]$

a) 22 ½ b) 26 ½

c) 21 ½ d) 27 ½

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18) $\sqrt{\frac{16}{4}} + \frac{18}{9} \times \frac{9}{2} \div \sqrt{\frac{4}{9}}$

a) 43 ½ b) 42 ½

c) 44 ½ d) 44 ½

19) $\frac{6}{3} \div \frac{8}{7} \times \frac{7}{4} + [4 + \frac{1}{2}]$

a) $9\frac{3}{12}$ b) $4\frac{4}{13}$

c) $7\frac{9}{16}$ d) $8\frac{3}{19}$

20) $\frac{4}{3} + \frac{8}{6} \div \frac{2}{4} \times \frac{6}{12}$

a) $2\frac{3}{2}$ b) $4\frac{2}{3}$

c) $2\frac{2}{3}$ d) $3\frac{3}{2}$

21) $3\frac{1}{3} \div \frac{5}{3} - \frac{1}{10}$ of $2\frac{1}{2} + \frac{7}{4}$

a) 4 ½ b) 3 ½

c) 2 ½ d) 6 ½

22) $\frac{9}{10} \div \left(\frac{3}{5} + \frac{21}{10}\right)$

a) $\frac{1}{5}$ b) $\frac{1}{4}$

c) $\frac{1}{8}$ d) $\frac{1}{3}$

23) $\frac{9}{10} \div \left(\frac{3}{5} + \frac{53}{10}\right)$

a) $\frac{4}{65}$ b) $\frac{3}{21}$

c) $\frac{9}{59}$ d) $\frac{9}{34}$

24. 45 of $\frac{3}{5} \div 1\frac{2}{3} + 3$ of $\frac{1}{3} - 10$

a) $8\frac{1}{4}$ b) $7\frac{1}{5}$

c) $4\frac{1}{2}$ d) $2\frac{1}{4}$

25. 43 of $\frac{1}{86} \div \frac{1}{14} \times \frac{2}{7} + \frac{9}{4} - \frac{1}{4}$

a) 8 b) 7

c) 4 d) 3

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26. $\frac{9}{10} \div \left(\frac{3}{5} - 2\ \frac{1}{10}\right)$

a) $\frac{2}{3}$ b) $-\frac{5}{7}$

c) $-\frac{3}{5}$ d) $-\frac{9}{8}$

27. $\left(8\frac{1}{4} - 7\frac{1}{4}\right)$ of $\left(\frac{2}{5} + \frac{3}{15}\right)$

a) $\frac{3}{5}$ b) $\frac{2}{4}$

c) $\frac{4}{9}$ d) $\frac{6}{7}$

28. $\{18 + \left(2\frac{1}{2} + \frac{4}{5}\right)\}$ of $\frac{1}{1000}$

a) 0.265 b) 0.0213

c) 0.2565 d) 0.1254

29. $\frac{3}{2} \times \frac{4}{3} \times \frac{7}{4} \times \frac{1}{8}$

a) $\frac{7}{16}$ b) $\frac{7}{13}$

c) $\frac{7}{19}$ d) $\frac{4}{16}$

30. $\frac{7}{3} \div \frac{7}{3} \times \frac{12}{4} + \frac{7}{4}$

a) $5\frac{3}{5}$ c) $7\frac{6}{5}$

c) $4\frac{3}{4}$ d) $5\frac{1}{3}$

31. $(-10) - [(-5) - \{-11 - (8 - 10 - 3)\}]$

a) – 10 b) – 13

c) – 14 d) – 11

32. $\{18 \div (-6)\} \div (-24) \div \{(-24) \div (-8)\}$

a) $\frac{1}{23}$ b) $\frac{1}{22}$

c) $\frac{1}{24}$ d) $\frac{1}{27}$

33. $\frac{1}{2\frac{1}{3}} + \frac{1}{1\frac{3}{4}}$

a) 0 b) 2

c) 1 d) None of these

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34. $1 + 1 \div \{1 + 1 \div (1 + \frac{1}{3})\}$

a) $1\frac{4}{7}$ b) $1\frac{4}{5}$

c) $1\frac{6}{7}$ d) $1\frac{7}{9}$

35. $1 \div [1 + 1 \div \{1 + 1 \div 1\,(1 + 1 \div 2)\}]$

a) $\frac{4}{6}$ b) $\frac{3}{9}$

c) $\frac{1}{2}$ d) $\frac{5}{8}$

36. $54 \div 66 \div 33$

a) $\frac{3}{121}$ b) $\frac{6}{211}$

c) $\frac{1}{122}$ d) $\frac{2}{311}$

37. $\frac{1}{6} \div \frac{1}{6}$ of $\frac{1}{6}$

a) 9 b) 6

c) 5 d) 2

38. $\frac{1}{6}$ of $\frac{1}{6} \div \frac{1}{6}$

a) $\frac{1}{6}$ b) 8

c) $\frac{1}{4}$ d) $\frac{1}{5}$

39. $\dfrac{\frac{1}{6} \div \frac{1}{6}\ of \frac{1}{6}}{\frac{1}{6}\ of \frac{1}{6} \div \frac{1}{6}}$

a) 34 b) 36

c) 39 d) 31

40. $\dfrac{\frac{1}{4} \div \frac{1}{4}\ of \frac{1}{4}}{\frac{1}{4}\ of \frac{1}{4} \div \frac{1}{4}}$

a) 15 b) 17

c) 16 d) 10

41. $\dfrac{\frac{1}{6} of \frac{1}{6} \div \frac{1}{6}}{\frac{1}{6} \div \frac{1}{6}\ of \frac{1}{6}}$

a) $\frac{1}{36}$ b) $\frac{1}{35}$

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c) $\frac{1}{33}$ d) $\frac{1}{30}$

42. $\frac{\frac{1}{4} of \frac{1}{4} \div \frac{1}{4}}{\frac{1}{4} \div \frac{1}{4} of \frac{1}{4}}$

a) $\frac{1}{15}$ b) $\frac{1}{14}$

c) $\frac{1}{16}$ d) $\frac{1}{19}$

43. $\frac{2+2\times2}{2\div2\times2}$

a) 6 b) 7

c) 4 d) 3

44. $\frac{1\frac{1}{3}}{1\frac{1}{2}}$

a) $\frac{8}{9}$ b) $\frac{7}{8}$

c) $\frac{1}{5}$ d) $\frac{3}{6}$

45. $\frac{2+2\times2}{2\div2\times2} \div \frac{\frac{1}{2} \div \frac{1}{2} of \frac{1}{2}}{\frac{1}{2} + \frac{1}{2} of \frac{1}{2}} \times \frac{1\frac{1}{3}}{1\frac{1}{2}}$

a) 0 b) 3

c) 4 d) 1

46. $\frac{\frac{2}{3} \div \frac{5}{6} of \frac{3}{4}}{\frac{2}{3} \div \frac{3}{4} \times \frac{5}{8}}$

a) $\frac{44}{48}$ b) $\frac{34}{11}$

c) $\frac{48}{25}$ d) $\frac{45}{47}$

47. $\frac{\frac{2}{3} \div \frac{5}{6} of \frac{3}{4}}{\frac{2}{3} \div \frac{3}{4} \times \frac{5}{8}} \div \frac{3\frac{1}{5}}{3\frac{1}{3}}$

a) 9 b) 2

c) 3 d) 5

48. $\frac{\frac{2}{3} \div \frac{5}{6} of \frac{3}{4}}{\frac{2}{3} \div \frac{3}{4} \times \frac{5}{8}} \div \frac{3\frac{1}{5}}{3\frac{1}{3}} of \frac{375}{1000}$

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a) $5\frac{3}{9}$ b) $6\frac{4}{5}$

c) $6\frac{1}{3}$ d) $3\frac{6}{8}$

49. $\frac{\frac{1}{2}\div 4+20}{\frac{1}{2}\times 4+20}$

a) $\frac{121}{143}$ b) $\frac{161}{176}$

c) $\frac{111}{112}$ d) $\frac{134}{123}$

50. $[11 \div 2\frac{1}{5}] \div \frac{11}{5}$ of 2 ½ - 2

a) $-\frac{12}{13}$ b) $-\frac{13}{14}$

c) $-\frac{14}{15}$ d) $\frac{12}{13}$

51. $\sqrt{\frac{256}{361}} \div \sqrt{\frac{12.1}{81\times 0.1}}$

a) $\frac{133}{124}$ b) $\frac{190}{187}$

c) $\frac{144}{209}$ d) $\frac{144}{210}$

52. $\frac{3\frac{1}{4}-\frac{4}{5}of\frac{5}{6}}{4\frac{1}{3}\div\frac{1}{5}-\left[\frac{3}{10}+2+\frac{1}{5}\right]}$

a) 12 ½ b) 15 ½

c) 11 ½ d) 17 ½

53. $\frac{\frac{1}{4}+\frac{1}{4}\div 1\frac{1}{4}}{\frac{1}{4}\times\frac{1}{4}+2\frac{1}{4}}$

a) $\frac{45}{189}$ b) $\frac{36}{185}$

c) $\frac{13}{142}$ d) $\frac{45}{143}$

54. $\frac{1}{4}+\frac{1}{4\times 5}+\frac{1}{4\times 5\times 6}$

a) $\frac{37}{120}$ b) $\frac{34}{126}$

c) $\frac{33}{129}$ d) $\frac{23}{122}$

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