

Math Sprints 4

417 A

Fill in the missing part of the fraction.

First Half

1.	$\frac{1}{2} = \frac{\quad}{4}$	13.	$\frac{3}{7} = \frac{\quad}{42}$
2.	$\frac{1}{3} = \frac{\quad}{6}$	14.	$\frac{4}{7} = \frac{16}{\quad}$
3.	$\frac{1}{4} = \frac{\quad}{8}$	15.	$\frac{5}{7} = \frac{\quad}{49}$
4.	$\frac{1}{5} = \frac{\quad}{15}$	16.	$\frac{1}{8} = \frac{\quad}{64}$
5.	$\frac{1}{6} = \frac{\quad}{18}$	17.	$\frac{3}{8} = \frac{15}{\quad}$
6.	$\frac{2}{3} = \frac{6}{\quad}$	18.	$\frac{5}{8} = \frac{\quad}{72}$
7.	$\frac{3}{4} = \frac{9}{\quad}$	19.	$\frac{7}{8} = \frac{56}{\quad}$
8.	$\frac{2}{10} = \frac{6}{\quad}$	20.	$\frac{1}{9} = \frac{5}{\quad}$
9.	$\frac{3}{10} = \frac{\quad}{40}$	21.	$\frac{2}{9} = \frac{\quad}{36}$
10.	$\frac{3}{5} = \frac{15}{\quad}$	22.	$\frac{5}{9} = \frac{\quad}{72}$
11.	$\frac{5}{6} = \frac{\quad}{18}$	23.	$\frac{7}{9} = \frac{\quad}{72}$
12.	$\frac{2}{7} = \frac{6}{\quad}$	24.	$\frac{8}{9} = \frac{104}{\quad}$

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Fill in the missing part of the fraction.

Second Half

1.	$\frac{1}{3} = \frac{\quad}{6}$	13.	$\frac{5}{7} = \frac{\quad}{49}$
2.	$\frac{1}{2} = \frac{\quad}{4}$	14.	$\frac{4}{7} = \frac{16}{\quad}$
3.	$\frac{1}{6} = \frac{\quad}{18}$	15.	$\frac{3}{7} = \frac{\quad}{42}$
4.	$\frac{1}{5} = \frac{\quad}{15}$	16.	$\frac{1}{8} = \frac{\quad}{64}$
5.	$\frac{1}{4} = \frac{\quad}{8}$	17.	$\frac{3}{8} = \frac{15}{\quad}$
6.	$\frac{2}{3} = \frac{6}{\quad}$	18.	$\frac{5}{8} = \frac{\quad}{72}$
7.	$\frac{3}{4} = \frac{9}{\quad}$	19.	$\frac{7}{8} = \frac{56}{\quad}$
8.	$\frac{2}{7} = \frac{6}{\quad}$	20.	$\frac{1}{9} = \frac{5}{\quad}$
9.	$\frac{3}{10} = \frac{\quad}{40}$	21.	$\frac{2}{9} = \frac{\quad}{36}$
10.	$\frac{3}{5} = \frac{15}{\quad}$	22.	$\frac{5}{9} = \frac{\quad}{72}$
11.	$\frac{5}{6} = \frac{\quad}{18}$	23.	$\frac{7}{9} = \frac{\quad}{72}$
12.	$\frac{2}{10} = \frac{6}{\quad}$	24.	$\frac{8}{9} = \frac{120}{\quad}$

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Fill in the missing part of the fraction.

First Half

1.	$\frac{1}{2} = \frac{\quad}{4}$	13.	$\frac{1}{\quad} = \frac{15}{270}$
2.	$\frac{1}{3} = \frac{\quad}{6}$	14.	$\frac{\quad}{84} = \frac{1}{3}$
3.	$\frac{1}{4} = \frac{\quad}{8}$	15.	$\frac{1}{4} = \frac{\quad}{140}$
4.	$\frac{\quad}{27} = \frac{1}{9}$	16.	$\frac{1}{8} = \frac{\quad}{64}$
5.	$\frac{\quad}{36} = \frac{1}{12}$	17.	$\frac{3}{8} = \frac{15}{\quad}$
6.	$\frac{\quad}{54} = \frac{1}{6}$	18.	$\frac{5}{8} = \frac{\quad}{72}$
7.	$\frac{1}{6} = \frac{\quad}{72}$	19.	$\frac{7}{8} = \frac{56}{\quad}$
8.	$\frac{2}{6} = \frac{\quad}{90}$	20.	$\frac{\quad}{360} = \frac{1}{8}$
9.	$\frac{\quad}{216} = \frac{1}{18}$	21.	$\frac{1}{25} = \frac{\quad}{200}$
10.	$\frac{3}{5} = \frac{15}{\quad}$	22.	$\frac{5}{9} = \frac{\quad}{72}$
11.	$\frac{5}{6} = \frac{\quad}{18}$	23.	$\frac{7}{9} = \frac{\quad}{72}$
12.	$\frac{2}{7} = \frac{6}{\quad}$	24.	$\frac{8}{9} = \frac{104}{\quad}$

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Fill in the missing part of the fraction.

Second Half

1.	$\frac{1}{3} = \frac{\quad}{6}$	13.	$\frac{1}{\quad} = \frac{15}{525}$
2.	$\frac{1}{2} = \frac{\quad}{4}$	14.	$\frac{\quad}{84} = \frac{1}{3}$
3.	$\frac{\quad}{36} = \frac{1}{12}$	15.	$\frac{1}{4} = \frac{\quad}{72}$
4.	$\frac{\quad}{27} = \frac{1}{9}$	16.	$\frac{1}{8} = \frac{\quad}{64}$
5.	$\frac{1}{4} = \frac{\quad}{8}$	17.	$\frac{3}{8} = \frac{15}{\quad}$
6.	$\frac{\quad}{54} = \frac{1}{6}$	18.	$\frac{5}{8} = \frac{\quad}{72}$
7.	$\frac{1}{6} = \frac{\quad}{72}$	19.	$\frac{7}{8} = \frac{56}{\quad}$
8.	$\frac{1}{2} = \frac{\quad}{42}$	20.	$\frac{\quad}{315} = \frac{1}{7}$
9.	$\frac{\quad}{192} = \frac{1}{16}$	21.	$\frac{1}{25} = \frac{\quad}{200}$
10.	$\frac{3}{5} = \frac{15}{\quad}$	22.	$\frac{5}{9} = \frac{\quad}{72}$
11.	$\frac{5}{6} = \frac{\quad}{18}$	23.	$\frac{7}{9} = \frac{\quad}{72}$
12.	$\frac{2}{3} = \frac{\quad}{45}$	24.	$\frac{1}{4} = \frac{\quad}{540}$

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Add. All answers must be in simplest form.

First Half

1.	$\frac{1}{3} + \frac{1}{3} =$	11.	$\frac{2}{5} + \frac{1}{10} =$
2.	$\frac{1}{5} + \frac{1}{5} =$	12.	$\frac{3}{8} + \frac{1}{4} =$
3.	$\frac{1}{6} + \frac{1}{6} =$	13.	$\frac{3}{8} + \frac{1}{2} =$
4.	$\frac{1}{4} + \frac{1}{2} =$	14.	$\frac{5}{6} + \frac{1}{6} =$
5.	$\frac{1}{4} + \frac{1}{4} =$	15.	$\frac{1}{7} + \frac{3}{7} =$
6.	$\frac{1}{2} + \frac{1}{2} =$	16.	$\frac{1}{7} + \frac{5}{14} =$
7.	$\frac{1}{8} + \frac{3}{8} =$	17.	$\frac{1}{8} + \frac{1}{16} =$
8.	$\frac{1}{10} + \frac{1}{10} =$	18.	$\frac{2}{3} + \frac{1}{9} =$
9.	$\frac{1}{10} + \frac{1}{5} =$	19.	$\frac{5}{12} + \frac{5}{12} =$
10.	$\frac{1}{10} + \frac{7}{10} =$	20.	$\frac{1}{3} + \frac{2}{3} =$

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Add. All answers must be in simplest form.

Second Half

1.	$\frac{1}{5} + \frac{1}{5} =$	11.	$\frac{3}{8} + \frac{1}{4} =$
2.	$\frac{1}{3} + \frac{1}{3} =$	12.	$\frac{2}{5} + \frac{1}{10} =$
3.	$\frac{1}{6} + \frac{1}{6} =$	13.	$\frac{3}{8} + \frac{1}{2} =$
4.	$\frac{1}{4} + \frac{1}{2} =$	14.	$\frac{5}{6} + \frac{1}{6} =$
5.	$\frac{1}{2} + \frac{1}{2} =$	15.	$\frac{1}{7} + \frac{3}{7} =$
6.	$\frac{1}{4} + \frac{1}{4} =$	16.	$\frac{1}{7} + \frac{5}{14} =$
7.	$\frac{1}{8} + \frac{3}{8} =$	17.	$\frac{1}{8} + \frac{1}{16} =$
8.	$\frac{1}{10} + \frac{1}{10} =$	18.	$\frac{2}{3} + \frac{1}{9} =$
9.	$\frac{1}{10} + \frac{1}{5} =$	19.	$\frac{5}{12} + \frac{5}{12} =$
10.	$\frac{1}{10} + \frac{7}{10} =$	20.	$\frac{1}{3} + \frac{2}{3} =$

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Add. All answers must be in simplest form.

First Half

1.	$\frac{1}{3} + \frac{1}{3} =$	11.	$\frac{1}{5} + \frac{1}{10} + \frac{1}{5} =$
2.	$\frac{1}{5} + \frac{1}{5} =$	12.	$\frac{1}{8} + \frac{1}{4} + \frac{1}{4} =$
3.	$\frac{1}{6} + \frac{1}{12} + \frac{1}{12} =$	13.	$\frac{3}{8} + \frac{1}{2} =$
4.	$\frac{1}{4} + \frac{1}{2} =$	14.	$\frac{1}{3} + \frac{1}{6} + \frac{1}{2} =$
5.	$\frac{1}{8} + \frac{1}{4} + \frac{1}{8} =$	15.	$\frac{1}{7} + \frac{3}{7} =$
6.	$\frac{1}{8} + \frac{1}{4} + \frac{5}{8} =$	16.	$\frac{1}{7} + \frac{5}{14} =$
7.	$\frac{1}{9} + \frac{5}{18} + \frac{1}{9} =$	17.	$\frac{1}{32} + \frac{1}{8} + \frac{1}{32} =$
8.	$\frac{1}{20} + \frac{1}{20} + \frac{1}{10} =$	18.	$\frac{1}{3} + \frac{1}{9} + \frac{1}{3} =$
9.	$\frac{1}{10} + \frac{1}{5} =$	19.	$\frac{1}{12} + \frac{7}{12} + \frac{1}{6} =$
10.	$\frac{1}{10} + \frac{7}{10} =$	20.	$\frac{1}{3} + \frac{2}{3} =$

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Add. All answers must be in simplest form.

Second Half

1.	$\frac{1}{5} + \frac{1}{5} =$	11.	$\frac{1}{8} + \frac{1}{4} + \frac{1}{4} =$
2.	$\frac{1}{3} + \frac{1}{3} =$	12.	$\frac{1}{5} + \frac{1}{10} + \frac{1}{5} =$
3.	$\frac{1}{6} + \frac{1}{12} + \frac{1}{12} =$	13.	$\frac{3}{8} + \frac{1}{2} =$
4.	$\frac{1}{4} + \frac{1}{2} =$	14.	$\frac{1}{3} + \frac{1}{6} + \frac{1}{2} =$
5.	$\frac{1}{8} + \frac{1}{4} + \frac{5}{8} =$	15.	$\frac{1}{7} + \frac{3}{7} =$
6.	$\frac{1}{8} + \frac{1}{4} + \frac{1}{8} =$	16.	$\frac{1}{7} + \frac{5}{14} =$
7.	$\frac{1}{9} + \frac{5}{18} + \frac{1}{9} =$	17.	$\frac{1}{32} + \frac{1}{8} + \frac{1}{32} =$
8.	$\frac{1}{20} + \frac{1}{20} + \frac{1}{10} =$	18.	$\frac{1}{3} + \frac{1}{9} + \frac{1}{3} =$
9.	$\frac{1}{10} + \frac{1}{5} =$	19.	$\frac{1}{12} + \frac{7}{12} + \frac{1}{6} =$
10.	$\frac{1}{10} + \frac{7}{10} =$	20.	$\frac{1}{3} + \frac{2}{3} =$

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Add or subtract. All answers must be in simplest form.

First Half

1. $\frac{1}{3} + \frac{1}{3} =$	16. $1 - \frac{1}{8} - \frac{2}{8} =$
2. $\frac{1}{5} + \frac{1}{5} =$	17. $\frac{3}{4} - \frac{1}{4} =$
3. $\frac{2}{5} + \frac{2}{5} =$	18. $\frac{5}{6} - \frac{1}{6} =$
4. $\frac{1}{7} + \frac{3}{7} =$	19. $\frac{5}{6} - \frac{1}{3} =$
5. $\frac{2}{7} + \frac{4}{7} =$	20. $\frac{3}{4} - \frac{3}{8} =$
6. $\frac{1}{8} + \frac{1}{8} =$	21. $\frac{9}{10} - \frac{1}{5} =$
7. $\frac{1}{8} + \frac{2}{8} =$	22. $\frac{1}{4} + \frac{1}{2} + \frac{1}{4} =$
8. $\frac{3}{8} + \frac{2}{8} =$	23. $\frac{1}{5} + \frac{2}{5} + \frac{1}{5} =$
9. $\frac{1}{9} + \frac{2}{9} =$	24. $\frac{1}{5} + \frac{1}{10} + \frac{3}{10} =$
10. $\frac{4}{9} + \frac{1}{9} =$	25. $\frac{7}{10} - \frac{3}{5} =$
11. $1 - \frac{1}{3} =$	26. $\frac{9}{10} - \frac{1}{2} =$
12. $1 - \frac{2}{3} =$	27. $\frac{3}{4} - \frac{7}{12} =$
13. $1 - \frac{1}{4} =$	28. $\frac{7}{8} - \frac{1}{4} =$
14. $1 - \frac{1}{3} - \frac{1}{3} =$	29. $\frac{11}{12} - \frac{2}{3} =$
15. $1 - \frac{1}{9} - \frac{2}{9} =$	30. $\frac{7}{12} - \frac{1}{3} - \frac{1}{4} =$

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Add or subtract. All answers must be in simplest form. Second Half

1. $\frac{1}{5} + \frac{1}{5} =$	16. $1 - \frac{1}{8} - \frac{1}{8} =$
2. $\frac{1}{3} + \frac{1}{3} =$	17. $\frac{5}{6} - \frac{1}{6} =$
3. $\frac{1}{7} + \frac{3}{7} =$	18. $\frac{3}{4} - \frac{1}{4} =$
4. $\frac{2}{5} + \frac{2}{5} =$	19. $\frac{5}{6} - \frac{1}{3} =$
5. $\frac{2}{7} + \frac{4}{7} =$	20. $\frac{3}{4} - \frac{3}{8} =$
6. $\frac{1}{6} + \frac{1}{6} =$	21. $\frac{9}{10} - \frac{1}{5} =$
7. $\frac{1}{8} + \frac{2}{8} =$	22. $\frac{1}{4} + \frac{1}{2} + \frac{1}{4} =$
8. $\frac{3}{8} + \frac{2}{8} =$	23. $\frac{1}{5} + \frac{2}{5} + \frac{1}{5} =$
9. $\frac{1}{9} + \frac{2}{9} =$	24. $\frac{1}{5} + \frac{1}{10} + \frac{3}{10} =$
10. $\frac{4}{9} + \frac{1}{9} =$	25. $\frac{7}{10} - \frac{3}{5} =$
11. $1 - \frac{1}{3} =$	26. $\frac{9}{10} - \frac{1}{2} =$
12. $1 - \frac{2}{3} =$	27. $\frac{3}{4} - \frac{7}{12} =$
13. $1 - \frac{1}{4} =$	28. $\frac{7}{8} - \frac{1}{4} =$
14. $1 - \frac{1}{3} - \frac{1}{3} =$	29. $\frac{11}{12} - \frac{2}{3} =$
15. $1 - \frac{1}{9} - \frac{2}{9} =$	30. $\frac{7}{12} - \frac{1}{3} - \frac{1}{4} =$