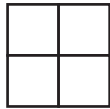


# Adding and Subtracting Fractions with Denominators that are Multiples

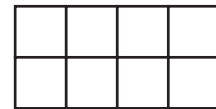
Aim: To add fractions with denominators that are multiples.

For the first fraction, shade the correct number of columns. For the second fraction, shade the correct number of squares. Use the diagram to calculate the answer.

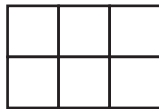
1.  $\frac{1}{2} + \frac{1}{4} =$



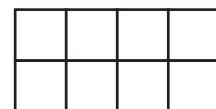
10.  $\frac{1}{4} + \frac{3}{8} =$



2.  $\frac{1}{3} + \frac{1}{6} =$



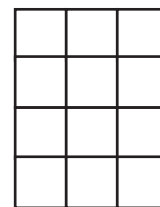
11.  $\frac{1}{4} + \frac{5}{8} =$



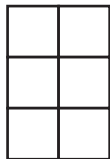
3.  $\frac{2}{3} + \frac{1}{6} =$



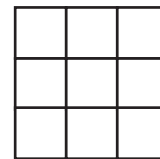
12.  $\frac{2}{3} + \frac{1}{12} =$



4.  $\frac{1}{2} + \frac{1}{6} =$



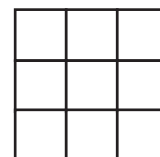
13.  $\frac{1}{3} + \frac{4}{9} =$



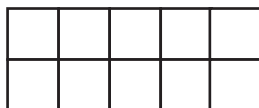
5.  $\frac{3}{5} + \frac{1}{10} =$



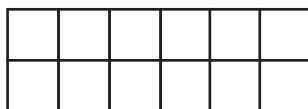
14.  $\frac{2}{3} + \frac{2}{9} =$



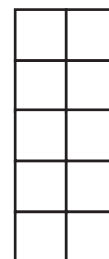
6.  $\frac{2}{5} + \frac{3}{10} =$



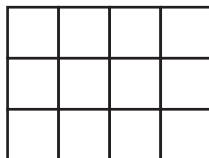
7.  $\frac{5}{6} + \frac{1}{12} =$



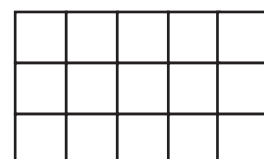
15.  $\frac{1}{2} + \frac{3}{10} =$



8.  $\frac{1}{4} + \frac{5}{12} =$



16.  $\frac{2}{5} + \frac{2}{15} =$



17.  $\frac{3}{4} + \frac{1}{12} =$


18.  $\frac{3}{10} + \frac{9}{20} =$

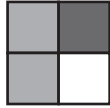

19.  $\frac{7}{10} + \frac{3}{20} =$


# Adding and Subtracting Fractions with Denominators that are Multiples - Answers

Aim: To add fractions with denominators that are multiples.

For the first fraction, shade the correct number of columns. For the second fraction, shade the correct number of squares. Use the diagram to calculate the answer.

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



10.  $\frac{1}{4} + \frac{3}{8} = \frac{5}{8}$



2.  $\frac{1}{3} + \frac{1}{6} = \frac{3}{6}$



11.  $\frac{1}{4} + \frac{5}{8} = \frac{7}{8}$



3.  $\frac{2}{3} + \frac{1}{6} = \frac{5}{6}$



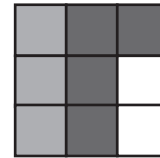
12.  $\frac{2}{3} + \frac{1}{12} = \frac{9}{12}$



4.  $\frac{1}{2} + \frac{1}{6} = \frac{4}{6}$



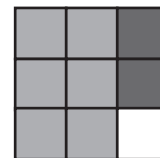
13.  $\frac{1}{3} + \frac{4}{9} = \frac{7}{9}$



5.  $\frac{3}{5} + \frac{1}{10} = \frac{7}{10}$



14.  $\frac{2}{3} + \frac{2}{9} = \frac{8}{9}$



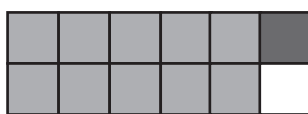
6.  $\frac{2}{5} + \frac{3}{10} = \frac{7}{10}$



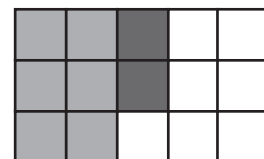
15.  $\frac{1}{2} + \frac{3}{10} = \frac{8}{10}$



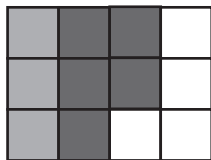
7.  $\frac{5}{6} + \frac{1}{12} = \frac{11}{12}$



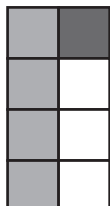
16.  $\frac{2}{5} + \frac{2}{15} = \frac{8}{15}$



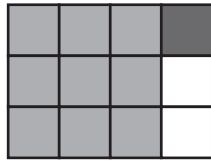
8.  $\frac{1}{4} + \frac{5}{12} = \frac{8}{12}$



9.  $\frac{1}{2} + \frac{1}{8} = \frac{5}{8}$



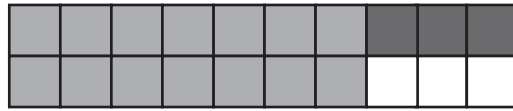
$$17. \quad \frac{3}{4} + \frac{1}{12} = \frac{10}{12}$$



$$18. \quad \frac{3}{10} + \frac{9}{20} = \frac{15}{20}$$



$$19. \quad \frac{7}{10} + \frac{3}{20} = \frac{17}{20}$$

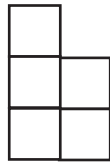


# Adding and Subtracting Fractions with Denominators that are Multiples

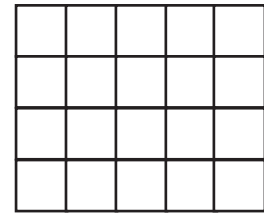
Aim: To subtract fractions with denominators that are multiples.

For the first fraction, shade the correct number of columns. For the second fraction, put a cross in the correct number of squares. Use the diagram to calculate the answer.

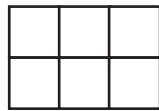
1.  $\frac{3}{5} - \frac{1}{5} =$



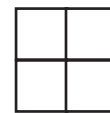
10.  $\frac{4}{5} - \frac{13}{20} =$



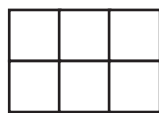
2.  $\frac{2}{3} - \frac{1}{6} =$



11.  $\frac{3}{4} - \frac{1}{2} =$



3.  $\frac{1}{3} - \frac{1}{6} =$



12.  $\frac{5}{6} - \frac{1}{2} =$



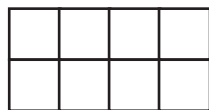
4.  $\frac{1}{4} - \frac{1}{8} =$



13.  $\frac{5}{6} - \frac{1}{3} =$



5.  $\frac{3}{4} - \frac{3}{8} =$



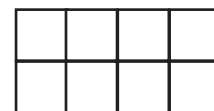
14.  $\frac{5}{8} - \frac{1}{2} =$



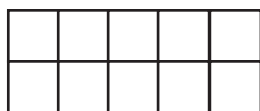
6.  $\frac{2}{5} - \frac{1}{10} =$



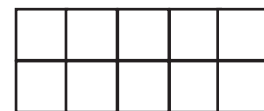
15.  $\frac{7}{8} - \frac{1}{4} =$



7.  $\frac{4}{5} - \frac{7}{10} =$



16.  $\frac{7}{10} - \frac{2}{5} =$



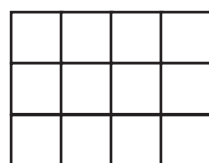
8.  $\frac{5}{6} - \frac{1}{12} =$



17.  $\frac{9}{10} - \frac{4}{5} =$



9.  $\frac{5}{6} - \frac{1}{12} =$



18.  $\frac{5}{12} - \frac{1}{3} =$


19.  $\frac{11}{12} - \frac{5}{6} =$

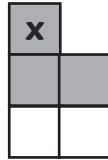

20.  $\frac{17}{20} - \frac{3}{5} =$


# Adding and Subtracting Fractions with Denominators that are Multiples - Answers

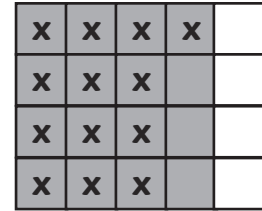
Aim: To subtract fractions with denominators that are multiples.

For the first fraction, shade the correct number of columns. For the second fraction, put a cross in the correct number of squares. Use the diagram to calculate the answer.

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



10.  $\frac{4}{5} - \frac{13}{20} = \frac{3}{20}$



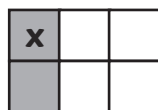
2.  $\frac{2}{3} - \frac{1}{6} = \frac{3}{6}$



11.  $\frac{3}{4} - \frac{1}{2} = \frac{1}{4}$



3.  $\frac{1}{3} - \frac{1}{6} = \frac{1}{6}$



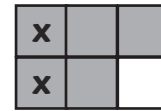
12.  $\frac{5}{6} - \frac{1}{2} = \frac{2}{6}$



4.  $\frac{1}{4} - \frac{1}{8} = \frac{1}{8}$



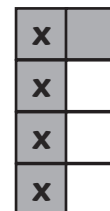
13.  $\frac{5}{6} - \frac{1}{3} = \frac{3}{6}$



5.  $\frac{3}{4} - \frac{3}{8} = \frac{3}{8}$



14.  $\frac{5}{8} - \frac{1}{2} = \frac{1}{8}$



6.  $\frac{2}{5} - \frac{1}{10} = \frac{3}{10}$



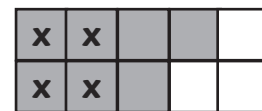
15.  $\frac{7}{8} - \frac{1}{4} = \frac{5}{8}$



7.  $\frac{4}{5} - \frac{7}{10} = \frac{1}{10}$



16.  $\frac{7}{10} - \frac{2}{5} = \frac{3}{10}$



8.  $\frac{5}{6} - \frac{1}{12} = \frac{9}{12}$



17.  $\frac{9}{10} - \frac{4}{5} = \frac{1}{10}$



9.  $\frac{5}{6} - \frac{1}{12} = \frac{9}{12}$



$$18. \frac{5}{12} - \frac{1}{3} = \frac{1}{12}$$

x		
x		
x		
x		

$$19. \frac{11}{12} - \frac{5}{6} = \frac{1}{12}$$

x	x	x	x	x	
x	x	x	x	x	

$$20. \frac{17}{20} - \frac{3}{5} = \frac{5}{20}$$

x	x	x		
x	x	x		
x	x	x		
x	x	x		