

# Boxes of Fractions

Complete each fraction box. Start with the fraction in the circle and add or subtract the fraction in the inner box to get the fraction in each outer corner.

Write your answers in simplest form.

One subtraction in Exercise 1 has been completed for you.

**1.**

$\frac{2}{8} = \frac{1}{4}$							
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;"><math>-\frac{5}{8}</math></td> <td style="padding: 5px;"><math>+\frac{6}{8}</math></td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <math>\frac{7}{8}</math> </div> </td> </tr> <tr> <td style="padding: 5px;"><math>+\frac{3}{8}</math></td> <td></td> </tr> </table>		$-\frac{5}{8}$	$+\frac{6}{8}$	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <math>\frac{7}{8}</math> </div>		$+\frac{3}{8}$	
$-\frac{5}{8}$	$+\frac{6}{8}$						
<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <math>\frac{7}{8}</math> </div>							
$+\frac{3}{8}$							
	$\frac{4}{8} = \frac{1}{2}$						

**2.**

$\frac{3}{10}$										
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2"></td> <td style="padding: 5px;"><math>-\frac{5}{10}</math></td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <math>\frac{9}{10}</math> </div> </td> <td></td> </tr> <tr> <td colspan="2"></td> <td></td> </tr> </table>				$-\frac{5}{10}$	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <math>\frac{9}{10}</math> </div>					
		$-\frac{5}{10}$								
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$\frac{7}{10}$	$\frac{11}{10} = 1\frac{1}{10}$									

**3.**

	$\frac{5}{12}$						
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;"><math>-\frac{2}{12}</math></td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <math>\frac{11}{12}</math> </div> </td> </tr> <tr> <td></td> <td style="padding: 5px;"><math>-\frac{4}{12}</math></td> </tr> </table>		$-\frac{2}{12}$		<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <math>\frac{11}{12}</math> </div>			$-\frac{4}{12}$
$-\frac{2}{12}$							
<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <math>\frac{11}{12}</math> </div>							
	$-\frac{4}{12}$						
$\frac{11}{12}$							

**4.**

$\frac{1}{6}$										
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2"></td> <td style="padding: 5px;"><math>+\frac{3}{6}</math></td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <math>\frac{5}{6}</math> </div> </td> <td></td> </tr> <tr> <td colspan="2"></td> <td style="padding: 5px;"><math>+\frac{1}{6}</math></td> </tr> </table>				$+\frac{3}{6}$	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <math>\frac{5}{6}</math> </div>					$+\frac{1}{6}$
		$+\frac{3}{6}$								
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		$+\frac{1}{6}$								
$\frac{3}{6} = \frac{1}{2}$										