


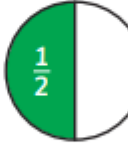

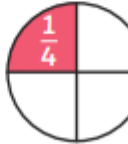




Year 3 Fractions Knowledge Organiser.

Fractions		Knowledge Organiser	
Key Vocabulary	Recognising Fractions		Comparing Fractions
numerator	 $\frac{3}{8}$	Numerator How many equal parts of the whole are needed?	$\frac{1}{3}$  $\frac{2}{3}$
denominator		Denominator How many equal parts are in the whole?	$\frac{4}{5}$  $\frac{3}{5}$
unit fraction			
non-unit fraction			
equivalent	Equivalent Fractions		
halves	 $\frac{1}{2}$ is equal to... $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12}$ 		<div style="background-color: #e67e22; padding: 5px; text-align: center; font-weight: bold;">1</div> <div style="display: flex; justify-content: space-around; background-color: #e67e22; padding: 5px;"> $\frac{1}{2}$ $\frac{1}{2}$ </div> <div style="display: flex; justify-content: space-around; background-color: #f1c40f; padding: 5px;"> $\frac{1}{3}$ $\frac{1}{3}$ $\frac{1}{3}$ </div> <div style="display: flex; justify-content: space-around; background-color: #7ed321; padding: 5px;"> $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ </div> <div style="display: flex; justify-content: space-around; background-color: #54b88c; padding: 5px;"> $\frac{1}{5}$ $\frac{1}{5}$ $\frac{1}{5}$ $\frac{1}{5}$ $\frac{1}{5}$ </div> <div style="display: flex; justify-content: space-around; background-color: #2ecc71; padding: 5px;"> $\frac{1}{6}$ $\frac{1}{6}$ $\frac{1}{6}$ $\frac{1}{6}$ $\frac{1}{6}$ $\frac{1}{6}$ </div> <div style="display: flex; justify-content: space-around; background-color: #3498db; padding: 5px;"> $\frac{1}{7}$ $\frac{1}{7}$ $\frac{1}{7}$ $\frac{1}{7}$ $\frac{1}{7}$ $\frac{1}{7}$ </div> <div style="display: flex; justify-content: space-around; background-color: #2980b9; padding: 5px;"> $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ $\frac{1}{8}$ </div> <div style="display: flex; justify-content: space-around; background-color: #666699; padding: 5px;"> $\frac{1}{9}$ $\frac{1}{9}$ $\frac{1}{9}$ $\frac{1}{9}$ $\frac{1}{9}$ $\frac{1}{9}$ $\frac{1}{9}$ </div> <div style="display: flex; justify-content: space-around; background-color: #996699; padding: 5px;"> $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ </div> <div style="display: flex; justify-content: space-around; background-color: #e91e63; padding: 5px;"> $\frac{1}{11}$ $\frac{1}{11}$ $\frac{1}{11}$ $\frac{1}{11}$ $\frac{1}{11}$ $\frac{1}{11}$ $\frac{1}{11}$ </div> <div style="display: flex; justify-content: space-around; background-color: #e91e63; padding: 5px;"> $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ $\frac{1}{12}$ </div>
thirds			
quarters			
fifths			
sixths			
eighths			
tenths	 $\frac{1}{4}$ is equal to... $\frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16} = \frac{5}{20}$ 		
decimal tenths			
 visit twinkl.com			

Fractions	Knowledge Organiser
<p>Add and Subtract Fractions</p> $\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$	<p>Tenths</p> <p>0 $\frac{1}{10}$ $\frac{2}{10}$ $\frac{3}{10}$ $\frac{4}{10}$ $\frac{5}{10}$ $\frac{6}{10}$ $\frac{7}{10}$ $\frac{8}{10}$ $\frac{9}{10}$ 1</p> <p>0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1</p>
$\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$	<p>Fractions of Amounts</p> <p>$\frac{1}{4}$ of 24 = 6</p>
$\frac{5}{6} - \frac{2}{6} = \frac{3}{6}$	<p>$\frac{1}{3}$ of 72 = 24</p>
	<p>$\frac{2}{5}$ of 40 = 16</p>