

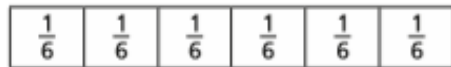
Tuesday Maths - Tuesday 19th May

Starter

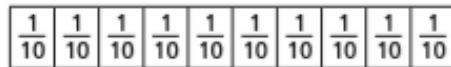
Mild	Spicy	Hot
$\begin{array}{r} 1 \quad 8017 \\ - 5004 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 1 \quad 7894 \\ - 3918 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 1 \quad 9_45 \\ - _5_6 \\ \hline 171_ \\ \hline \end{array}$
$\begin{array}{r} 2 \quad 7114 \\ + 2372 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 2 \quad 3020 \\ + 7033 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 2_32 \\ + 31_ \\ \hline _28_ \\ \hline \end{array}$
64×3 	208×4 	903×7
<p>Colour $\frac{1}{4}$ of the stars.</p>	<p>Which is bigger?</p> $\frac{7}{9}$ or $\frac{5}{9}$	<p>Lucas ate $\frac{2}{3}$ of cakes. How many did h</p>

Equivalent fractions (1)

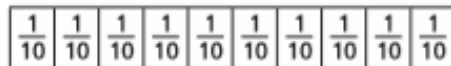
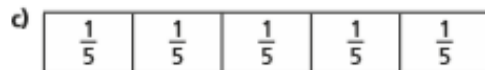
1 Shade the bar models to represent the equivalent fractions.



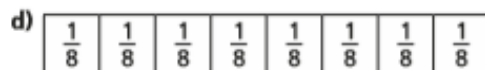
$$\frac{1}{2} = \frac{3}{6}$$



$$\frac{1}{2} = \frac{5}{10}$$



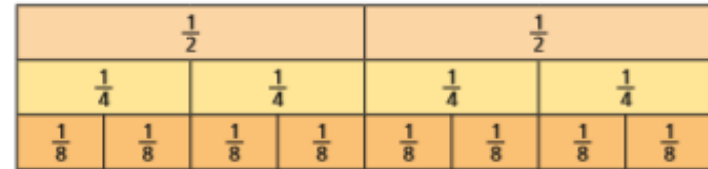
$$\frac{4}{5} = \frac{8}{10}$$



$$\frac{6}{8} = \frac{3}{4}$$



2 Use the fraction wall to complete the equivalent fractions.



a) $\frac{1}{2} = \frac{\square}{4}$

c) $\frac{2}{4} = \frac{4}{\square}$

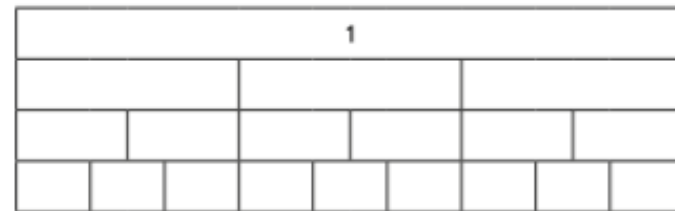
e) $\frac{\square}{8} = \frac{3}{4}$

b) $\frac{1}{2} = \frac{\square}{8}$

d) $\frac{2}{8} = \frac{\square}{4}$

f) $\frac{2}{2} = \frac{\square}{4} = \frac{\square}{8}$

3 a) Label the fractions on the fraction wall.



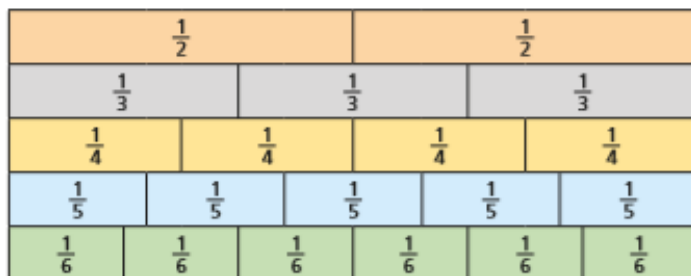
b) Use the fraction wall to complete the equivalent fractions.

$$\frac{1}{3} = \frac{\square}{6} = \frac{3}{\square}$$

$$\frac{\square}{3} = \frac{4}{\square} = \frac{6}{9}$$

$$\frac{3}{\square} = \frac{6}{\square} = \frac{9}{\square} = 1$$

- 4 Here is a fraction wall.



Is each statement true or false? Tick your answers.

- | | True | False |
|---|--------------------------|--------------------------|
| a) $\frac{1}{2}$ is equivalent to $\frac{3}{6}$ | <input type="checkbox"/> | <input type="checkbox"/> |
| b) $\frac{2}{3}$ is equivalent to $\frac{3}{4}$ | <input type="checkbox"/> | <input type="checkbox"/> |
| c) $\frac{2}{4}$ is equivalent to $\frac{3}{6}$ | <input type="checkbox"/> | <input type="checkbox"/> |
| d) $\frac{2}{3}$ is equivalent to $\frac{4}{5}$ | <input type="checkbox"/> | <input type="checkbox"/> |
| e) $\frac{2}{3}$ is equivalent to $\frac{4}{6}$ | <input type="checkbox"/> | <input type="checkbox"/> |
| f) $\frac{3}{5}$ is equivalent to $\frac{4}{6}$ | <input type="checkbox"/> | <input type="checkbox"/> |

Write your own equivalent fractions statements.

Ask a partner to say if they are true or false.



- 5 Are the statements always, sometimes or never true?

Circle your answer.

Draw a diagram to support your answer.

- a) The greater the numerator, the greater the fraction.

always sometimes never

- b) Fractions equivalent to one half have even numerators.

always sometimes never

- c) If a fraction is equivalent to one half, the denominator will be double the numerator.

always sometimes never



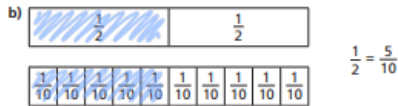
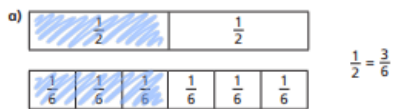
Answers

Mild	Spicy	Hot																						
1. 3013	1. 3976	9245 - 7526 = 1719																						
2. 9486	2.10053	2. 2132 + 3152 = 5284																						
84 ÷ 4 = 21	<table border="1"><tr><td></td><td>3</td><td>2</td><td>r</td><td>1</td></tr><tr><td>8</td><td>2</td><td>5</td><td>7</td><td></td></tr></table>		3	2	r	1	8	2	5	7		<table border="1"><tr><td></td><td></td><td>2</td><td>6</td><td>r</td><td>5</td></tr><tr><td>1</td><td>6</td><td>4</td><td>2</td><td>1</td><td></td></tr></table>			2	6	r	5	1	6	4	2	1	
	3	2	r	1																				
8	2	5	7																					
		2	6	r	5																			
1	6	4	2	1																				
64 x 3 = 192	208 x 4 = 832	903 x 7 = 6321																						
2 stars coloured	7/9	4 cakes																						

Equivalent fractions (1)



1 Shade the bar models to represent the equivalent fractions.



4 Here is a fraction wall.

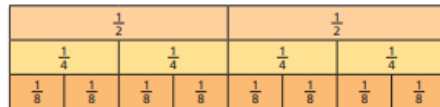


Is each statement true or false? Tick your answers.

- | | True | False |
|---|-------------------------------------|-------------------------------------|
| a) $\frac{1}{2}$ is equivalent to $\frac{3}{6}$ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b) $\frac{2}{3}$ is equivalent to $\frac{3}{4}$ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) $\frac{2}{4}$ is equivalent to $\frac{3}{6}$ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) $\frac{2}{3}$ is equivalent to $\frac{4}{5}$ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) $\frac{2}{3}$ is equivalent to $\frac{4}{6}$ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) $\frac{3}{5}$ is equivalent to $\frac{4}{6}$ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Write your own equivalent fractions statements.
Ask a partner to say if they are true or false.

2 Use the fraction wall to complete the equivalent fractions.



- a) $\frac{1}{2} = \frac{2}{4}$ c) $\frac{2}{4} = \frac{4}{8}$ e) $\frac{6}{8} = \frac{3}{4}$
 b) $\frac{1}{2} = \frac{4}{8}$ d) $\frac{2}{8} = \frac{1}{4}$ f) $\frac{2}{2} = \frac{4}{4} = \frac{8}{8}$

3 a) Label the fractions on the fraction wall.



b) Use the fraction wall to complete the equivalent fractions.

$\frac{1}{3} = \frac{2}{6} = \frac{3}{9}$ $\frac{2}{3} = \frac{4}{6} = \frac{6}{9}$
 $\frac{3}{3} = \frac{6}{6} = \frac{9}{9} = 1$

5 Are the statements always, sometimes or never true?

Circle your answer.

Draw a diagram to support your answer.

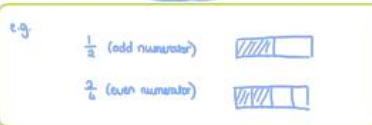
a) The greater the numerator, the greater the fraction.

always sometimes never



b) Fractions equivalent to one half have even numerators.

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c) If a fraction is equivalent to one half, the denominator will be double the numerator.

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