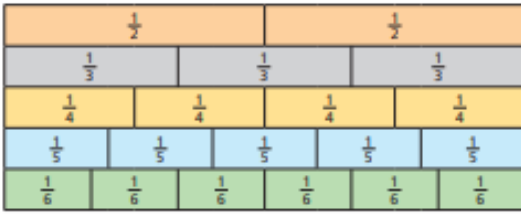


# Wednesday Yellow challenge

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.

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

Match the equivalent fractions.

$\frac{1}{4}$	$\frac{4}{10}$	$\frac{10}{15}$	$\frac{1}{7}$
$\frac{3}{21}$	$\frac{2}{3}$	$\frac{2}{5}$	$\frac{3}{12}$

Find three ways to make the fractions equivalent. \_\_\_\_\_

- a) Write the fractions in the correct place on the sorting diagram.

$\frac{8}{24}$	$\frac{3}{12}$	$\frac{5}{15}$	$\frac{6}{24}$	$\frac{4}{12}$	$\frac{9}{36}$	$\frac{3}{9}$	$\frac{4}{16}$
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	equivalent to $\frac{1}{3}$	equivalent to $\frac{1}{4}$
odd denominator		
even denominator		