

2 PATTERNS IN EQUIVALENT FRACTIONS

$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12} = \dots$$

The numbers in the **numerator** make the pattern 1, 2, 3, 4, 5, 6, ...

The numbers in the **denominator** make the pattern 2, 4, 6, 8, 10, 12, ... (even numbers).

- a What patterns are made by these equivalent fractions?

$$\frac{2}{3} = \frac{4}{6} = \frac{6}{9} = \frac{8}{12} = \frac{10}{15} = \dots$$

- b Investigate the patterns made by other equivalent fractions.

As part of your investigation, you could see if patterns are made when the numerator of each equivalent fraction is subtracted from the denominator.



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