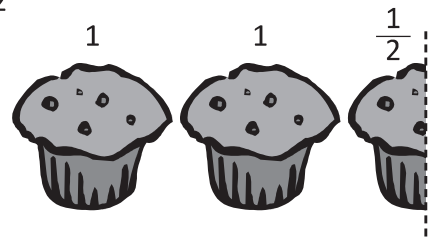


Fractions – mixed numbers and improper fractions

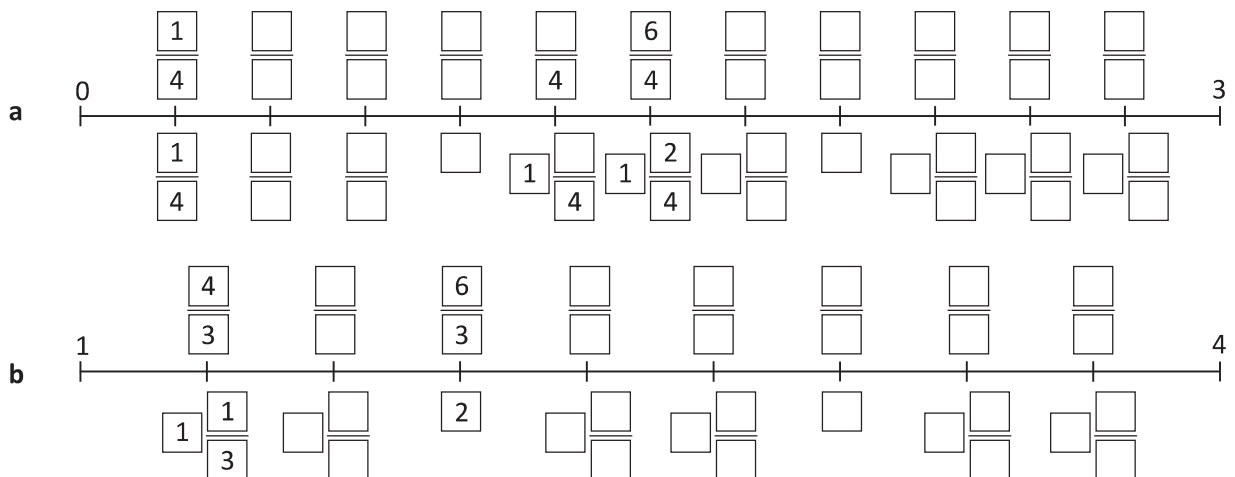
Mixed numbers are made up of whole numbers and fractions. $2\frac{1}{2}$ is a mixed number.

Mixed numbers can also be expressed as improper fractions.
Improper fractions are fractions where the numerator is bigger than the denominator.

$2\frac{1}{2}$ can also be written as $\frac{5}{2}$.



1 Complete the number lines by filling in the boxes:



2 Use the number lines above to help you find the mystery fractions. Score 5 points for a correct answer. Lose 3 points for a wrong answer. For some questions, more than 1 answer is correct. The first one has been done for you.

My score

Q1 This improper fraction is equivalent to 2.

A1 $\frac{6}{3}$ or $\frac{8}{4}$

Q2 This improper fraction comes directly before $1\frac{2}{4}$.

A2 _____

Q3 This improper fraction is one third greater than $3\frac{1}{3}$.

A3 _____

Q4 This mixed number is the same as $\frac{10}{4}$.

A4 _____

Q5 This improper fraction is equivalent to 3.

A5 _____

Q6 This mixed number comes directly after $\frac{9}{3}$.

A6 _____

Q7 This improper fraction is equivalent to 4.

A7 _____

Q8 This improper fraction is equivalent to 6.

A8 _____

Q9 This improper fraction is equivalent to $2\frac{2}{3}$.

A9 _____

Q10 This mixed number is one third less than $\frac{8}{3}$.

A10 _____