

LO:

Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number

For example

$$2/5 + 4/5 = 6/5 = 1 \frac{1}{5}$$

SC:

Know that a whole number can be represented as a fraction

Either convert mixed number to fractions OR deal with whole numbers first

Practise

1. Convert these from mixed numbers to improper fractions:
 - a. $3 \frac{2}{5}$
 - b. $2 \frac{1}{6}$
2. A pizza has 8 slices. At a party, 2 full pizzas and 3 slices are left over.

Write this as an improper fraction.
3. Pencils are packed 6 to a box. A teacher hands them out and has left. Write how many boxes she has left as a mixed number.

Reasoning and Problem Solving

4. This was the pizza left over at a party.



Each pizza was cut equally.

Anna said, "If you add the $1 \frac{1}{5}$ we ate then there was 5 whole pizzas altogether." Do you agree? Explain why. Draw pictures to help you.

Depth

For the school's sports day, a group of students prepared $21 \frac{1}{2}$ litres of lemonade. At the end of the day they had $2 \frac{5}{8}$ litres left over.

How many litres were sold?



If they sold the lemonade in 125ml glasses, which they sold at 30p each how many glasses did they sell and how much did they make?