

Follow this sheet to revisit a topic from year 5 maths. Complete as much as you feel confident doing.

Warm up

L.O: Convert improper to mixed number.

Flashback 4 Year 5 | Week 1 | Day 3

1) Multiply 374 kg by 6

2) What is the area of these two shapes?

3) Write down 2 factors of 20

4) Work out $280 + 849$

Improper fractions (top heavy) are when the numerator is larger than the denominator. This means that the fraction is larger than a whole. These can be represented with mixed number fractions (a number and a fraction).

To convert improper fractions you divide the numerator by the denominator, the answer is your whole number, and the remainder turns into the new numerator. The denominator remains the same.

Take a look at-

<https://www.youtube.com/watch?v=-imFslMIN1g>

Copy and complete into your exercise book.

1 Convert the improper fractions to mixed numbers.

a) $\frac{8}{5} = \square$

b) $\frac{\square}{5} = \square$

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

2 Convert the improper fractions to mixed numbers.

- a) $\frac{10}{2}$ c) $\frac{10}{4}$ e) $\frac{12}{5}$ g) $\frac{13}{7}$
 b) $\frac{10}{3}$ d) $\frac{10}{5}$ f) $\frac{13}{6}$ h) $\frac{31}{8}$

3 Eva has 7 bottles of juice.

Each bottle contains half a litre of juice.



How many litres of juice does Eva have altogether?

Write your answer as a mixed number.

4 Find the value of

$\frac{27}{\text{yellow circle}} = \text{yellow circle} \frac{2}{\text{yellow circle}}$

5 Dexter is converting improper fractions.



$\frac{32}{3} = 3 \frac{2}{3}$

Explain why Dexter is incorrect.