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

Warm up

L.O: Convert Mixed number to improper.

1) Multiply 1,305 by 6

2) A square has an area of 64 m² What is the length of one of its sides?

3) Which of these is a prime number? 10, 11 and 15

4) Find the sum of 199 and 198

White Rose Maths

To convert from mixed number to improper fractions you need to realise that each whole number is worth the amount of the denominator. (because the whole is split into that many parts).

So multiply the whole number by the denominator, then add the numerator to give you the improper fraction.
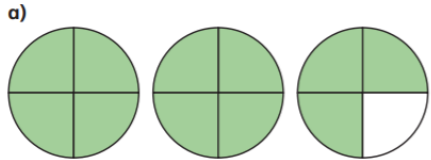
Take a look at-
https://www.youtube.com/watch?v=shpf9krdXQQ
Copy and complete into your exercise book.

1 Convert the mixed numbers to improper fractions.

a)

$2\frac{3}{4} = \frac{\square}{4}$

b)

$2\frac{3}{8} = \frac{\square}{8}$

c)

$3\frac{3}{8} = \frac{\square}{8}$

5 Whitney is converting mixed numbers to improper fractions.

$4\frac{1}{7} = \frac{28}{7}$

Do you agree with Whitney?

Explain your answer.

2 Convert the mixed numbers to improper fractions.

a) $2\frac{1}{4}$ b) $2\frac{1}{3}$ c) $3\frac{1}{3}$ d) $3\frac{2}{5}$

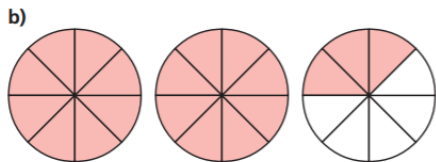**3** Here are 4 whole pizzas and $\frac{3}{5}$ of a pizza.

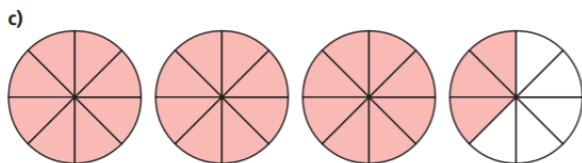How many children can have $\frac{1}{5}$ of a pizza?

4 Convert the mixed numbers to improper fractions.

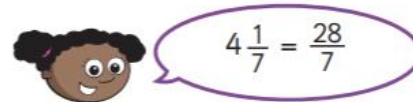Write the next conversion in each part.

a) $2\frac{1}{7}$ b) $3\frac{1}{5}$ c) $5\frac{1}{2}$

$2\frac{2}{7}$ $4\frac{1}{5}$ $5\frac{1}{4}$

$2\frac{3}{7}$ $5\frac{1}{5}$ $5\frac{1}{8}$

Talk to a partner about any patterns you spot.