## **Year 7 Mathematics Learning Journey: Unit 5 - FDP Equivalence**

Step 15 (H): Explore fractions above one

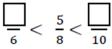
The rule for the nth term of a sequence is given by  $\frac{3n}{4}$ . Write the first four terms as mixed numbers or integers.

Step 14: Convert fluently between FDP

What happens if we try to change thirds into a decimal or percentage?

Step 12: Identify and use equivalent fractions

Copy and complete:



Step 7: Percentages on a hundred square

If x% of a hundred square is shaded, what percentage is not shaded?

Step 8: Convert simple FDP

Explain why 0.08 is smaller than 10%.

Step 9: Use and interpret simple pie charts

Why is it impossible to compare quantities by looking at two pie charts? What can we compare?

Step 5: Convert fifths and quarters

Circle the expressions that are equivalent to three-quarters of the number *x*.

 $\frac{3x}{4} \qquad \frac{3}{4}x \qquad 0.34x \qquad 0.75x \qquad \frac{x}{4} \times 3$ 

Step 4: Convert tenths and hundredths

Work out  $\frac{3}{10}$  + 0.6

Step 2: Tenths and hundredths on number lines

If a number line is split into tenths, how can you use it to show hundredths?







