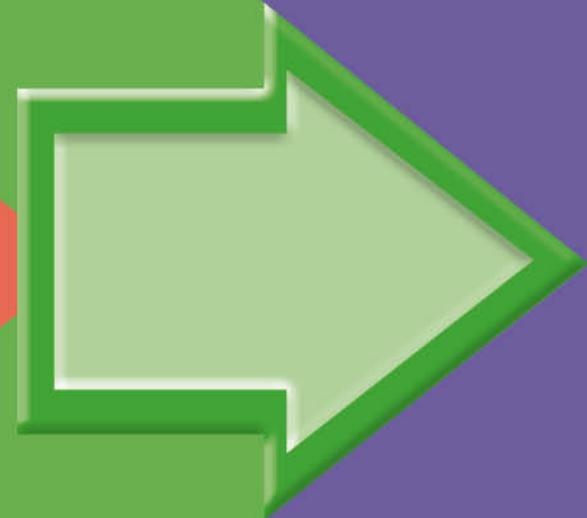# NUMBER SEQUENCES

GET READY

White Rose Maths

1) How many terms are shown in this sequence?

15   18   21   24   27

2) What is the rule for this sequence?

32   16   0

3) What is the next consecutive integer after 19?

1)   How many terms are shown in this sequence?   5 terms
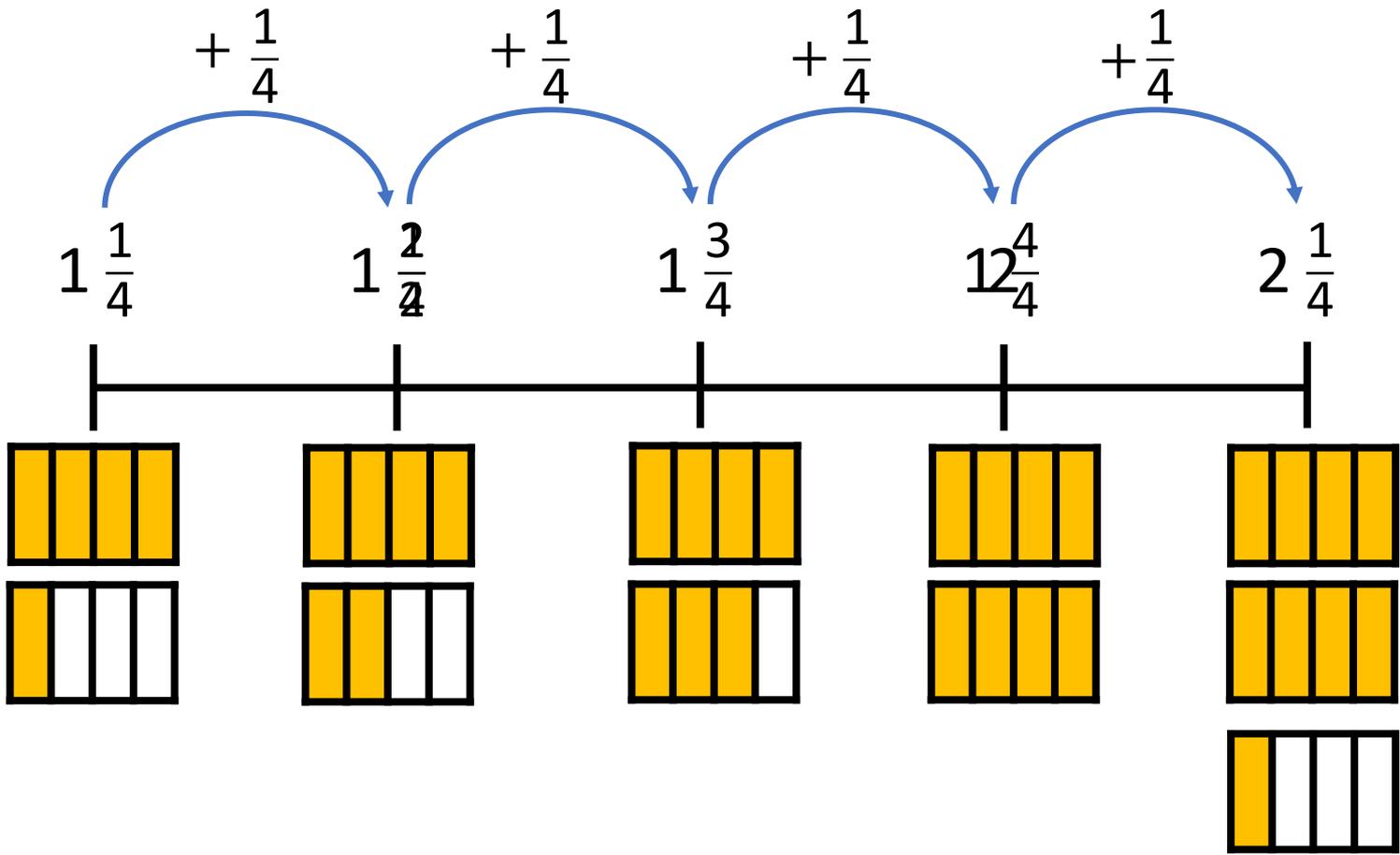
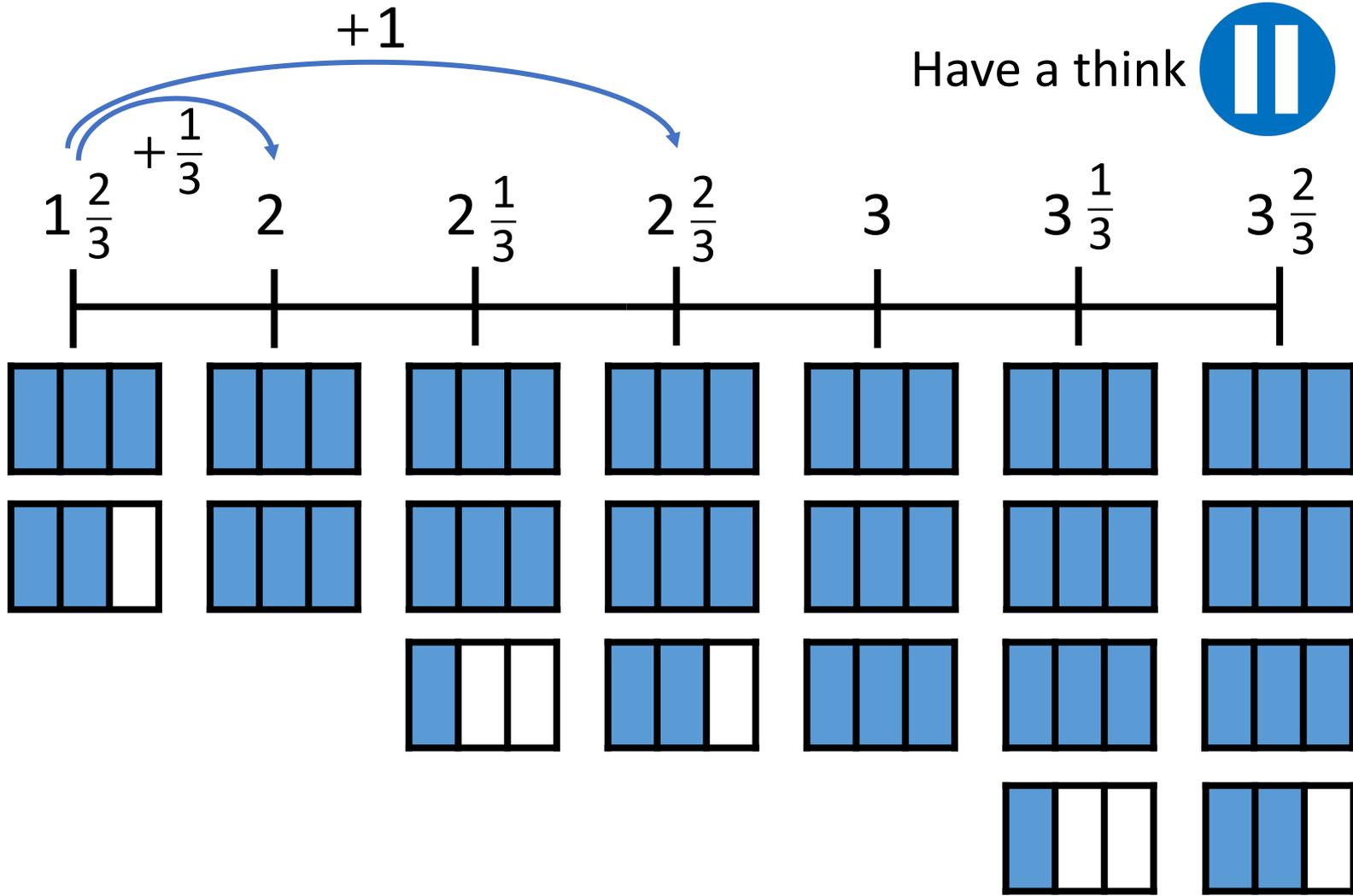15   18   21   24   27

2)   What is the rule for this sequence?

-16 -16

32   16   0   Subtract 16

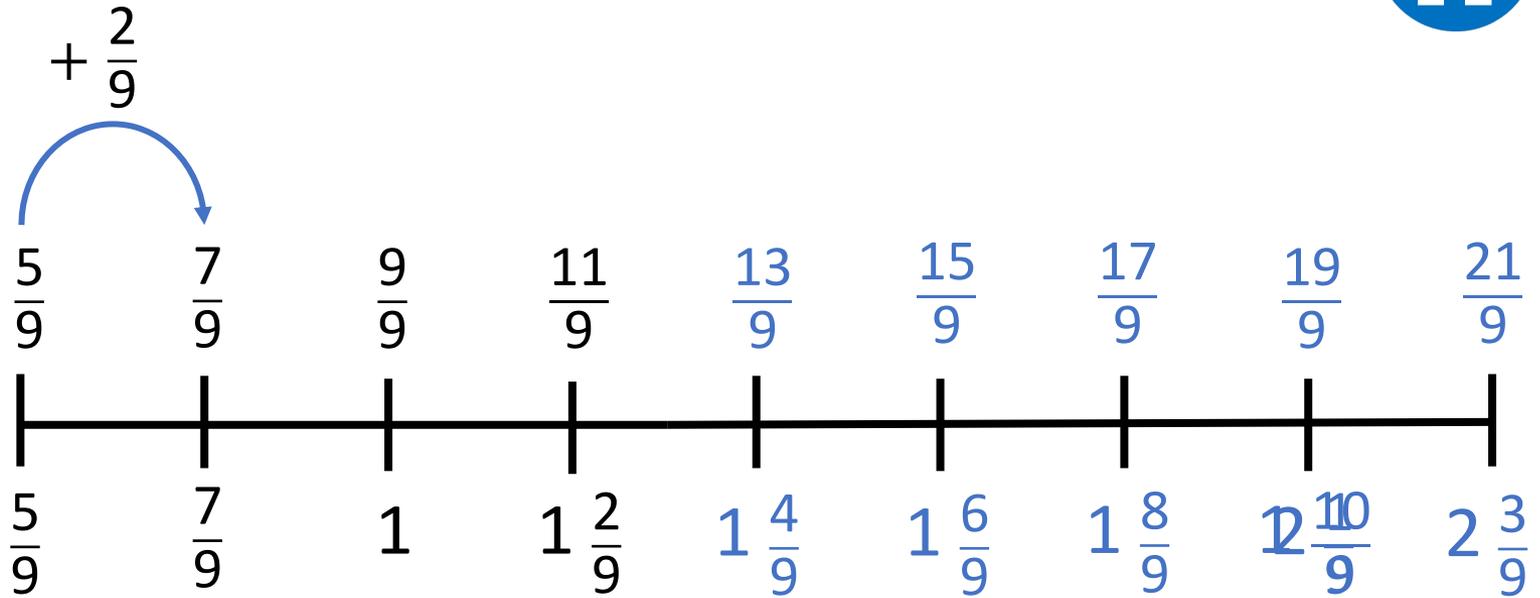3)   What is the next consecutive integer after 19?   20

LET'S LEARN

White Rose Maths

$+\dfrac{1}{4}$ $+\dfrac{1}{4}$ $+\dfrac{1}{4}$ $+\dfrac{1}{4}$

$1\dfrac{1}{4}$ $1\dfrac{2}{4}$ $1\dfrac{3}{4}$ $12\dfrac{4}{4}$ $2\dfrac{1}{4}$

$+ \dfrac{2}{9}$

$\dfrac{5}{9}$ $\dfrac{7}{9}$ $\dfrac{9}{9}$ $\dfrac{11}{9}$ $\dfrac{13}{9}$ $\dfrac{15}{9}$ $\dfrac{17}{9}$ $\dfrac{19}{9}$ $\dfrac{21}{9}$

$\dfrac{5}{9}$ $\dfrac{7}{9}$ 1 $1\dfrac{2}{9}$ $1\dfrac{4}{9}$ $1\dfrac{6}{9}$ $1\dfrac{8}{9}$ $2\dfrac{10}{9}$ $2\dfrac{3}{9}$

YOUR TURN

Have a go at questions
1 - 3 on the worksheet

White Rose Maths

$$-\frac{4}{11}$$

$$6\frac{1}{11} , 5\frac{8}{11} , \boxed{5\frac{4}{11}} , \boxed{5} , \boxed{4\frac{7}{11}}$$
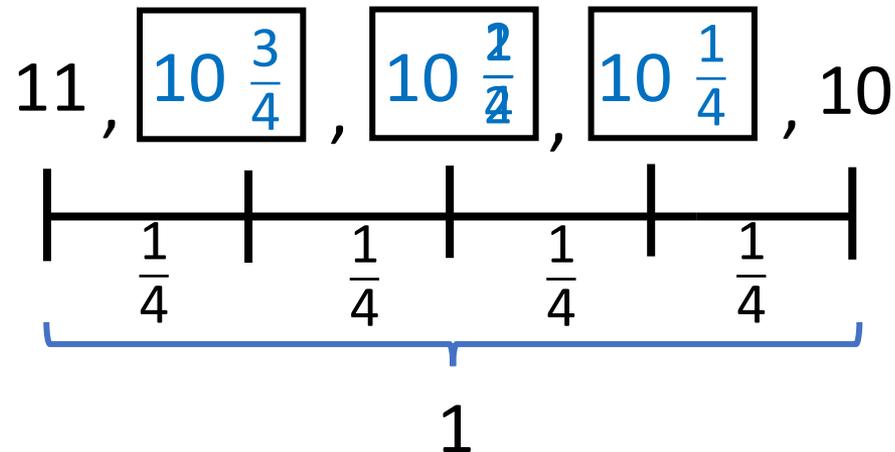
What is the rule for this sequence? Subtract $\frac{4}{11}$

There are three boxes so the missing fractions are thirds.

Have a think

The 1st and 5th terms are consecutive integers.

11 , $\boxed{10\ \frac{3}{4}}$, $\boxed{10\ \frac{2}{4}}$, $\boxed{10\ \frac{1}{4}}$, 10

$\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$

1

What is the rule for this sequence?   Subtract $\frac{1}{4}$