



‘Confident, Independent, Forward-thinking’

## Kents Hill Park Online Lesson

### Recording of Online Lessons

Please be aware that **all** Online Lessons are recorded for safeguarding purposes.

A PDF doc of each lesson's slides will be uploaded to the home-learning section of the school website for pupils to review and recap.



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## Participating in an online lesson using an online learning platform

I understand that an online lesson is an extension of the classroom and that I should conduct myself as I would in a classroom environment.

This includes:

- Taking part in an online lesson in an environment that is safe, quiet and free from distractions (preferably not a bedroom)
- Being on time for the virtual lesson.
- Remaining attentive during lesson.
- Interacting patiently and respectfully with my teachers and peers.
- Not recording each other's online interactions.
- Remaining for the full duration of the lesson.
- Switching off my video camera and microphone before joining a lesson and when requested to do so by your teacher.
- Finishing the session when my teacher instructs me to do so.



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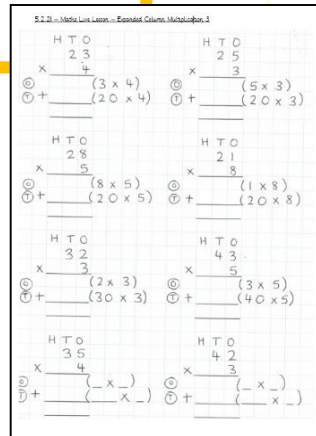
# 5.2.21

## V.II.MMXXI

### Expanded Column Multiplication 3

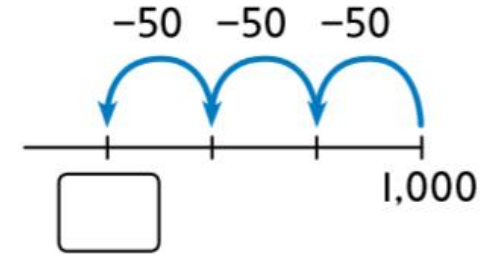
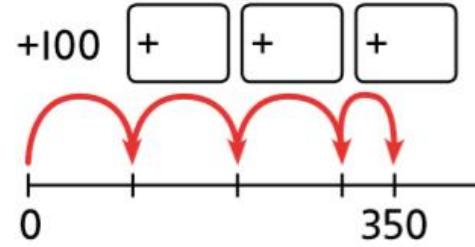
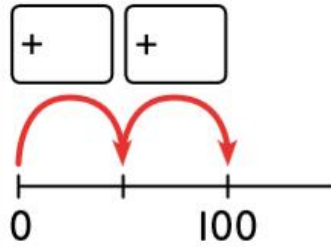
You will need:

- Pencil
- Piece of paper (to act as your whiteboard)
- Printed sheet – Maths Live Lesson – Expanded Column Multiplication 3 **PAPERCLIPPED AT BACK OF PRINTED PACK**

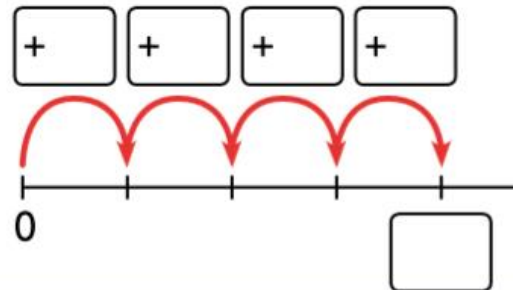


### Power Up

What numbers go in the boxes?



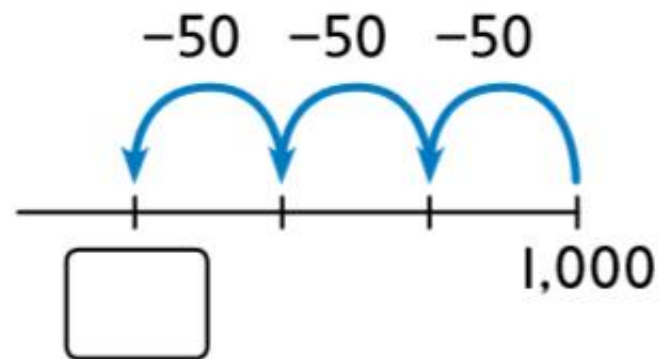
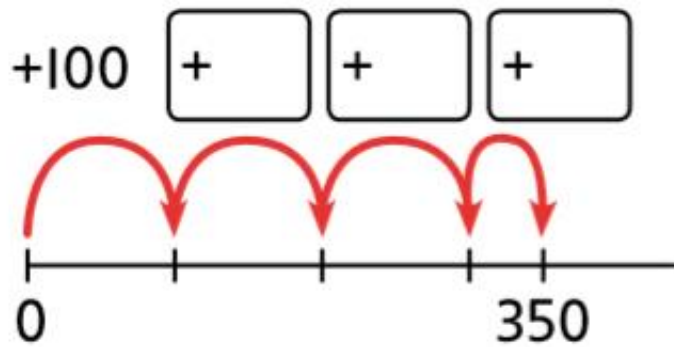
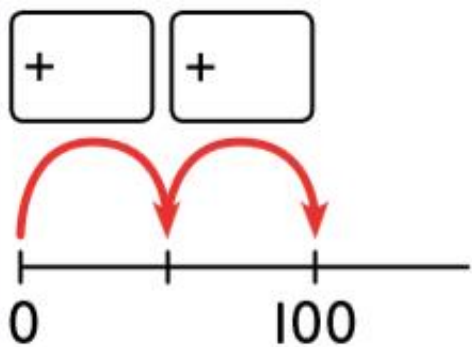
Find two numbers that the number line could end on, adding only in 100s or in 50s.



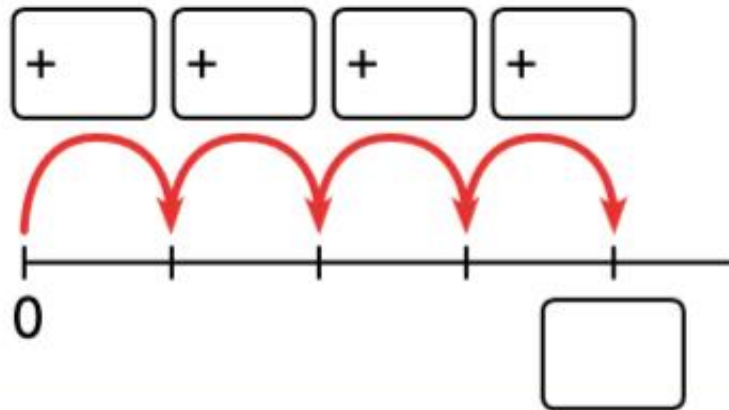


# Power Up

What numbers go in the boxes?



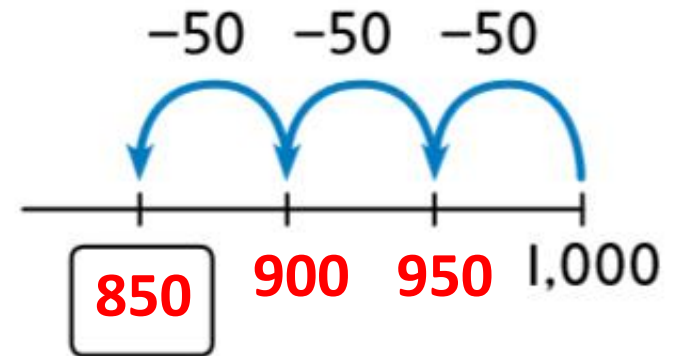
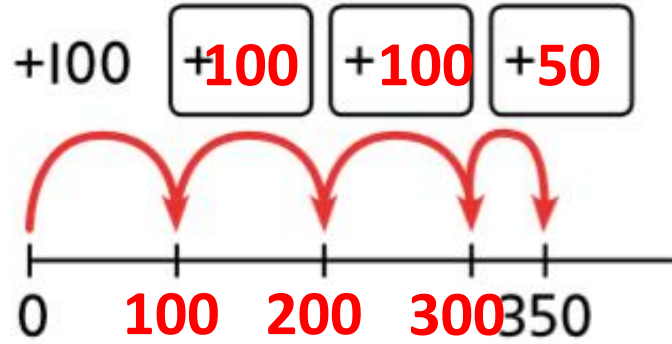
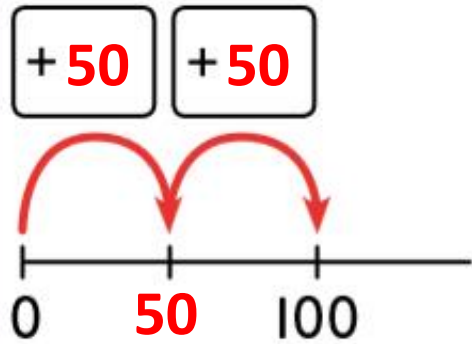
Find two numbers that the number line could end on, adding only in 100s or in 50s.



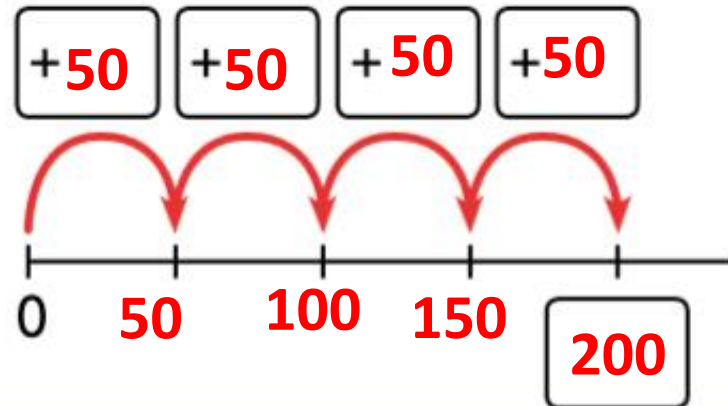


# Power Up

What numbers go in the boxes?



Find two numbers that the number line could end on, adding only in 100s or in 50s.



$$\begin{array}{r} \text{H T O} \\ 23 \\ \times \quad 3 \\ \hline \\ \hline \\ \hline \end{array}$$

set it up!

Place value  
is key!  
==

$$\begin{array}{r} \text{HTO} \\ 23 \quad \text{ONES} \\ \times \quad 3 \\ \hline 9 \quad (3 \times 3) \\ \hline \\ \hline \end{array}$$



	H T O	
	2 3	TENS
x	3	
	9 (3 x 3)	
	6 0 ( <u>20</u> x 3)	
	6 0 3	

↑ ↑     ⚡ 2 x 3 = 6

$$\begin{array}{r} \text{HTO} \\ 23 \\ \times \quad \underline{3} \\ \hline 9 \text{ (} 3 \times 3 \text{)} \\ + \quad \underline{60 \text{ (} 20 \times 3 \text{)}} \\ \hline 69 \end{array}$$



Recombine!

# Your Turn

5.2.21 - Model-Less Lesson - Expanded Column Multiplication 3

$\begin{array}{r} \text{HTO} \\ 23 \\ \times 4 \\ \hline \text{ⓐ} \quad \underline{\quad\quad} \quad (3 \times 4) \\ \text{ⓑ} \quad \underline{\quad\quad} \quad (20 \times 4) \\ \hline \end{array}$	$\begin{array}{r} \text{HTO} \\ 25 \\ \times 3 \\ \hline \text{ⓐ} \quad \underline{\quad\quad} \quad (5 \times 3) \\ \text{ⓑ} \quad \underline{\quad\quad} \quad (20 \times 3) \\ \hline \end{array}$
$\begin{array}{r} \text{HTO} \\ 28 \\ \times 5 \\ \hline \text{ⓐ} \quad \underline{\quad\quad} \quad (8 \times 5) \\ \text{ⓑ} \quad \underline{\quad\quad} \quad (20 \times 5) \\ \hline \end{array}$	$\begin{array}{r} \text{HTO} \\ 21 \\ \times 8 \\ \hline \text{ⓐ} \quad \underline{\quad\quad} \quad (1 \times 8) \\ \text{ⓑ} \quad \underline{\quad\quad} \quad (20 \times 8) \\ \hline \end{array}$
$\begin{array}{r} \text{HTO} \\ 32 \\ \times 3 \\ \hline \text{ⓐ} \quad \underline{\quad\quad} \quad (2 \times 3) \\ \text{ⓑ} \quad \underline{\quad\quad} \quad (30 \times 3) \\ \hline \end{array}$	$\begin{array}{r} \text{HTO} \\ 43 \\ \times 5 \\ \hline \text{ⓐ} \quad \underline{\quad\quad} \quad (3 \times 5) \\ \text{ⓑ} \quad \underline{\quad\quad} \quad (40 \times 5) \\ \hline \end{array}$
$\begin{array}{r} \text{HTO} \\ 35 \\ \times 4 \\ \hline \text{ⓐ} \quad \underline{\quad\quad} \quad (\_ \times \_) \\ \text{ⓑ} \quad \underline{\quad\quad} \quad (\_ \times \_) \\ \hline \end{array}$	$\begin{array}{r} \text{HTO} \\ 42 \\ \times 3 \\ \hline \text{ⓐ} \quad \underline{\quad\quad} \quad (\_ \times \_) \\ \text{ⓑ} \quad \underline{\quad\quad} \quad (\_ \times \_) \\ \hline \end{array}$

$$\begin{array}{r} \text{H T O} \\ 23 \\ \times 4 \\ \hline \textcircled{\ominus} \quad 12 \quad (3 \times 4) \\ \textcircled{\oplus} + \quad 80 \quad (20 \times 4) \\ \hline 92 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 25 \\ \times 3 \\ \hline \textcircled{\ominus} \quad 15 \quad (5 \times 3) \\ \textcircled{\oplus} + \quad 60 \quad (20 \times 3) \\ \hline 75 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 28 \\ \times 5 \\ \hline \textcircled{\ominus} \quad 40 \quad (8 \times 5) \\ \textcircled{\oplus} + \quad 100 \quad (20 \times 5) \\ \hline 140 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 21 \\ \times 8 \\ \hline \textcircled{\ominus} \quad 8 \quad (1 \times 8) \\ \textcircled{\oplus} + \quad 160 \quad (20 \times 8) \\ \hline 168 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 32 \\ \times 3 \\ \hline \textcircled{\ominus} \quad 6 \quad (2 \times 3) \\ \textcircled{\oplus} + \quad 90 \quad (30 \times 3) \\ \hline 96 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 43 \\ \times 5 \\ \hline \textcircled{\ominus} \quad 15 \quad (3 \times 5) \\ \textcircled{\oplus} + \quad 200 \quad (40 \times 5) \\ \hline 215 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 35 \\ \times 4 \\ \hline \textcircled{\ominus} \quad 20 \quad (5 \times 4) \\ \textcircled{\oplus} + \quad 120 \quad (30 \times 4) \\ \hline 140 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 42 \\ \times 3 \\ \hline \textcircled{\ominus} \quad 6 \quad (2 \times 3) \\ \textcircled{\oplus} + \quad 120 \quad (40 \times 3) \\ \hline 126 \end{array}$$