

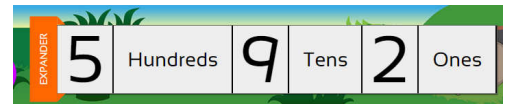
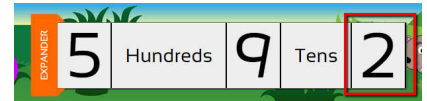
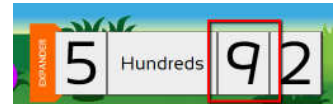
NUMBER EXPANDER

Writing the number expanded:

- Show students the number 592 on the screen.
- Draw students attention to the EXPANDER box.
- Click on each of the places, the 5, the 9, the 2, and have the whole number expand.
- Note that:

$$592 = 5 \text{ Hundreds } 9 \text{ Tens } 2 \text{ Ones}$$

- Draw attention to the relationship between the expander and the bundling sticks on screen.
- Close the expander back to the original number by clicking on each of the hundreds and tens





This is a

# PREVIEW

Subscribe today for a whole year's access to ALL our worksheets and videos!

Already a subscriber? Log in to download the full version of this worksheet.



- Enter a
- Have th
- 356 =
- Have s
- want to
- Have th
- then fo
- here.
- Have th
- easily,
- Ask the students to open the expander to show the names of all the places.
- Have them close the expander again.
- Rub the number out and enter a new number repeating the above steps.
- Use numbers that have all places full, then gradually introduce numbers with 1 ten (the teen numbers) then numbers with zeros in it. A suggested sequence is as follows:

736	65
598	508
418 (take care with teen numbers)	670
712	200

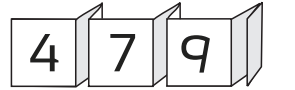
- Complete the worksheet.

e if you

Ones

## Creating and Using a Number Expander

Cut out the expander and fold on the lines and dotted lines so that it folds like this.  
Write a number softly on the expander.



Open and close the expander in different combinations to show the different ways that a number can be represented,



Have bundling sticks



This is a

**PREVIEW**

Subscribe today for a whole  
year's access to ALL our  
worksheets and videos!



Already a subscriber? Log in to download the full version of this worksheet.

Hundreds

Tens

Ones

Hundreds

Tens

Ones



This is a

**PREVIEW**

Subscribe today for a whole  
year's access to ALL our  
worksheets and videos!



Already a subscriber? Log in to download the full version of this worksheet.

Hundreds

Tens

Ones