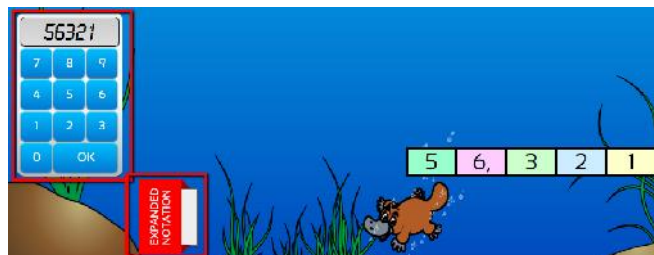


Instructions: set up the Number Popup Gadget

- Close the red EXPANDED NOTATION box.
- Enter **56321** > **OK** on the keypad



- Click on the 5 (the green cell) and the 50,000 will pop up.
- Click on the 6 (the pink cell) and the 6,000 will pop up
- Click on the 3 (the green cell) and the 300 will pop up.



Click on



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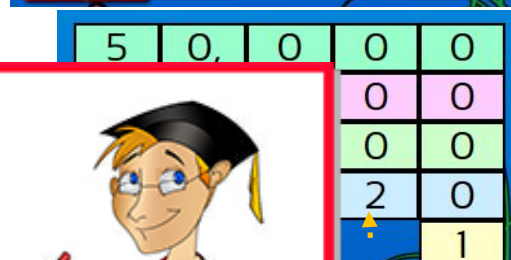
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Ask: What number is made up of (50,000 + 6,000 + 300 + 20 + 1) = 56,321

Open the expanded notation box. Have students enter the number 56,321.

Repeat the process for the number 29,875. Have students enter the number 29,875.

Complete the instructions on the first worksheet (attached).



Once completed, have the students work back from expanded notation.

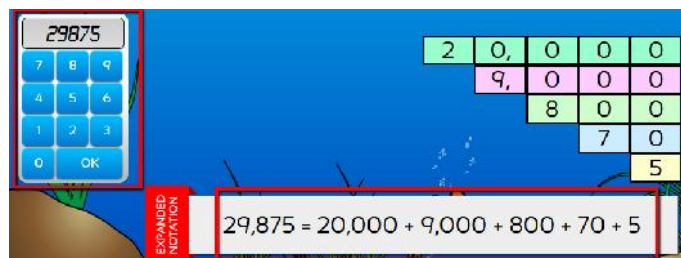
Ask or write: What number is made up of $20,000 + 9,000 + 800 + 70 + 5$?

Check using the Number Popup. With the EXPANDED NOTATION box closed, enter **29875** > **OK**.

Click on each of the digits and they will pop up.

Ask: Is this the answer? (check the EXPANDED NOTATION box)

Complete the second section of the first worksheet.



Write the number

$30,000 + 4,000 + 500 + 20 + 1 = 34,521$

Expand these in standard notation

63,972 = _____

1) 51,643 = _____

2) 20,804 = _____

3) 12, _____

4) 39 _____

Write the
30,0



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1) 60,000 + 3,000 + 600 + 10 + 2 = _____

2) 70,000 + 200 + 40 + 7 = _____

3) 30,000 + 9,060 + 500 + 9 = _____

4) 20,107 + 3,000 + 60 = _____

ANSWERS

NUMBER POPUP

Expand these in standard notation

$$63,972 = \underline{60,000 + 3,000 + 900 + 70 + 2}$$

1) $51,643 = 50,000 + 1,000 + 600 + 40 + 3$

2) $20,804 = 20,000 + 800 + 4$

3) $12, \dots$

4) $39, \dots$

Write the
30,0



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1) $60,000 + 3,000 + 600 + 10 + 2 = \underline{63,612}$

2) $70,000 + 200 + 40 + 7 = \underline{70,247}$

3) $30,000 + 9,060 + 500 + 9 = \underline{39,569}$

4) $20,107 + 3,000 + 60 = \underline{23,167}$