

**Instructions:** set up the Number Popup Gadget

- Close the red EXPANDED NOTATION box.
- Enter **45** > **OK** on the keypad

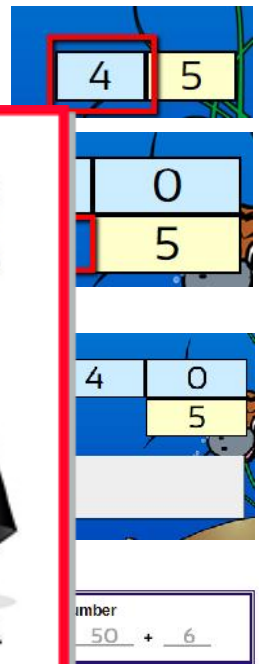


- Click on the 4 (the blue cell) and the 40 will pop up.

- Ask: What number is made up of 40 + 5?
- Open the Number Popup
- Have students enter 45 = 40 + 5
- Repeat with 38 = 30 + 8
- Have students enter 38 = 30 + 8
- Complete the second section of the worksheet


  
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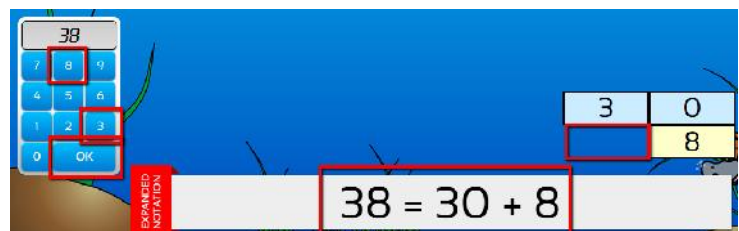


- Once completed, have the students work back from expanded notation:

- **Ask:** What number is made up of **30 + 8** ?
- Check using the Number Popup.  
Enter **38** > **OK**.

1) 78 = ___ + ___
2) 43 = ___ + ___

- Click on the 3 (the 30 will pop up).
- **Ask:** Is this the same? (check the EXPANDED NOTATION box)



- Complete the second section of the worksheet

Write the number $50 + 6 = \underline{56}$
10) $40 + 6 = \underline{\quad}$
11) $10 + 8 = \underline{\quad}$

Expand the number

$$56 = \underline{\quad} + \underline{\quad}$$

Write the number

$$70 + 9 = \underline{\quad}$$

1)  $27 = \underline{\quad} + \underline{\quad}$

10)  $70 + 5 = \underline{\quad}$

2)  $49 = \underline{\quad} + \underline{\quad}$

11)  $40 + 4 = \underline{\quad}$

3)  $32 = \underline{\quad} + \underline{\quad}$

4)  $21 = \underline{\quad} + \underline{\quad}$

5)  $15 = \underline{\quad} + \underline{\quad}$

6)  $86 = \underline{\quad} + \underline{\quad}$

7)  $55 = \underline{\quad} + \underline{\quad}$

8)  $18 = \underline{\quad} + \underline{\quad}$

9)  $87 = \underline{\quad} + \underline{\quad}$

15)  $20 + 3 = \underline{\quad}$

16)  $60 + 5 = \underline{\quad}$

17)  $70 + 1 = \underline{\quad}$

18)  $60 + 2 = \underline{\quad}$


  
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# ANSWERS

NUMBER POPUP

Expand the number

$$56 = \underline{50} + \underline{6}$$

Write the number

$$70 + 9 = \underline{79}$$

$$1) \quad 27 = \underline{20} + \underline{7}$$

$$10) \quad 70 + 5 = \underline{75}$$

$$2) \quad 49 = \underline{40} + \underline{9}$$

$$11) \quad 40 + 4 = \underline{44}$$

$$3) \quad 32$$

This is a

$$\underline{28}$$

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$$\underline{77}$$

$$4) \quad 21$$

$$\underline{96}$$

$$5) \quad 15$$

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$$6) \quad 86 = \underline{80} + \underline{6}$$

$$15) \quad 20 + 3 = \underline{23}$$

$$7) \quad 55 = \underline{50} + \underline{5}$$

$$16) \quad 60 + 5 = \underline{65}$$

$$8) \quad 18 = \underline{10} + \underline{8}$$

$$17) \quad 70 + 1 = \underline{71}$$

$$9) \quad 87 = \underline{80} + \underline{7}$$

$$18) \quad 60 + 2 = \underline{62}$$