

- 1) Circle the words that mean 0. Underline the words that mean 1.



zero      one      nought      digit  
place      digits      nil      unit

- 2) Complete the table.

Draw It			
Describe It	There is __ group of _____.	There are 5 groups of 0.	There are __ groups of _____.
Write It			

- 3) Solve the calculations.

$7 \times 0 = \underline{\quad}$	$35 \times \underline{\quad} = 0$	$88 = \underline{\quad} \times 88$	$1 \times \underline{\quad} = 53$
$12 \times 1 = \underline{\quad}$	$0 = \underline{\quad} \times 0$	$2901 = 1 \times \underline{\quad}$	$0 = 3004 \times \underline{\quad}$

- 4) Complete the bar model and use it to write a calculation and the associated facts

0					

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- 1) Freddie has been multiplying numbers by 1 and 0.



When multiplying by 1 and by 0, the answer is always the same as the number being multiplied.

For example,  
 $2 \times 0 = 2$  and  $5 \times 1 = 5$ .

Is Freddie correct? Explain your answer using examples.

- 2) a) Look at these number representations. Circle the odd one out.

a. c.  $1 + 1 + 1 + 1 = 4$

b. d. There is one group of 4 ones.

- b) Explain why you circled this representation.

- 3) Maria has completed these calculations. Identify which calculations are correct and where she has made a mistake, correct her calculation.

Calculation	Correct or Incorrect?	Correction
$8 \times 1 = 8$		
$0 \times 12 = 12$		
$1 \times 7 = 0$		
$10 \times 0 = 10$		

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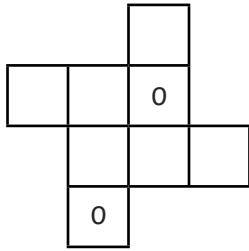
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- 1) Using the digit cards below, complete the diagram. Each row and column of three must multiply together to make 0. For every solution, each digit card may only be used once. Find five possible answers.

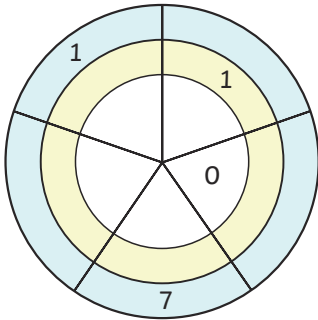


0	0
1	2
3	4



- b) When the two numbers in the outer segments of the circle are multiplied, they make the number on the inside segment of the circle. Using the following digits, can you complete this diagram?

0	0	0
1	1	1
2	2	3
4	4	

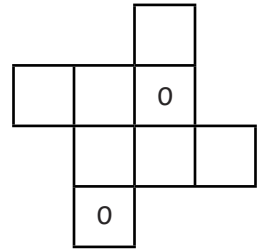


- c) Create your missing number puzzle like the ones above for a friend to solve.

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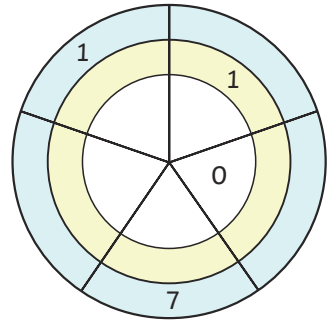


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- c) Create your missing number puzzle like the ones above for a friend to solve.