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## CALCULATION POLICY


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| Counting on | Start with the larger number and add on one at a time. | Start at the larger number and count on in ones. <br> Start at the larger number and count on in groups. <br>  <br> Note: count on above the line | $7+5=12$ <br> Use "First, Then, Now" <br> i.e. first I had 7, then I add 5, now I have 12 <br> Put larger number in your head, then count on. |
| :---: | :---: | :---: | :---: |
| Regroup to make 10 | $7+6=13$ <br> Start with the bigger number, then make ten with the smaller number. Add on what is left. | Regroup to make 10 | $7+6=13$ <br> If I am at 7 , how many do I need to make 10 ? $7+3+3=13$ |

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| Find the <br> difference |
| :--- | :--- |
| Use Numicon or cubes to make bars <br> to show the difference |

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| $\frac{\stackrel{C}{0}}{\stackrel{y}{n}}$ | Strategy | Concrete | Pictorial | Abstract |
| :---: | :---: | :---: | :---: | :---: |
|  | Vocabulary: <br> As multiplication plus - halve, share, share equally, one each, two each, three each..., group in pairs, threes... tens, equal groups of, $\div$, divide, divided by, divided into, left, left over remainder, factor, quotient, divisible by, inverse, division facts |  |  |  |
|  | Sharing objects into groups |  | Use pictures or shapes to share into groups $8 \div 2=4$ $8 \div 2=4$ | $8 \div 2=4$ |
|  | Division as grouping | Divide quantities into equal groups $12 \div 3=4$ | Use a number line to show jumps in groups. The number of jumps is the number of groups. | $12 \div 3=4$ |

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| Division within arrays | Make an array using objects Write the number sentences. i.e. $15 \div 5=3$ $15 \div 3=5$ <br> Link to multiplication | Draw an array <br> Use lines to split into groups Write number sentences i.e. $21 \div 3=7$ <br> Link to multiplication | Find the inverse of multiplication and division sentences by creating four linking number sentences. $\begin{aligned} & 7 \times 4=28 \\ & 4 \times 7=28 \\ & 28 \div 7=4 \\ & 28 \div 4=7 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Division with remainders | $14 \div 3=4$ remainder 2 <br> Divide objects between groups and see how much is left over | Use a number line to jump backwards in equal jumps, and then see how many more you need to jump to find a remainder. <br> Draw crosses and group them to divide an amount and clearly show a remainder. | Complete written divisions and show the remainder using r . $14 \div 3=4 r 2$ |

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|  |  | $72 \div 5=14 R 2$$T$ 0  <br> (10) 0 0 0 <br> 1 <br> 4 $R 2$ |  |
| :---: | :---: | :---: | :---: |
| Long Division |  |  |  |

Children can write out the multiples of the divisor to aid calculation.


[^0]:    $2 \mid P$ age

