Mount Pleasant Primary School Calculation Policy 2020


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Use the 10s frame.


Begin to use partitioning:


Then use Dienes in a column frame.



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## Extend to drawing Dienes in the column

 frame followed by:to
36
$+23$
9
$+50$
59

Begin to work beyond 100.
$\qquad$ $=18$

| 18 | $?$ |
| :--- | :--- |

Create a bar model then use the inverse to calculate.

## Number Line (partially numbered)

number lines to include- thermometer,
weighing scales, metre sticks

## Compensation method- $35+9=$

Adjusting (may not be shown on a
number line)
Add 9 or 11 by adding 10 and adjusting by
1
$35+9=44$
(teaching- bar model, arrows cards and Dienes equipment

Expanded column subtraction - (not exchanging tens)
$76-45=$
$70 \quad 6$


1 Explain that we
$+\quad 3 \begin{aligned} & 1 \\ & +\quad 0 \\ & \text { Explain that we } \\ & \text { are putting our }\end{aligned}$
tens and ones
back together.

