Maths Week 2022
February 7th - 11th

## Whole school journal: 2A Chapter 2 Lesson 13

## In Focus



Can you add to find out how many flowers there are in total?

Year 1


| $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| :--- | :--- | :--- | :--- | :--- |
| $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| $\square$ | $\square$ | $\square$ |  |  |
|  |  |  |  |  |

$$
\begin{aligned}
& +312 \\
& 7+3=10 \\
& 10+2=12
\end{aligned}
$$

Can you show it in a PPW?



In a number line?


| $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| :--- | :--- | :--- | :--- | :--- |
| $\square$ | $\square$ | 0 | $\square$ | $0, \frac{81}{2}$ |
| $\square$ | $\square$ |  |  |  |
|  |  |  |  |  |

- number sentence?

$$
\begin{aligned}
& 4+6= \\
& 10+2 x x^{2}+12
\end{aligned}
$$

h words? ten anbtos=rwe fF
—系
…:
T! 7 TH

## Year 2



Can you add to find out how many flowers there are in total?




There are 3 pots.
In one pot there is 2 flowers.
In the 2 pot there is 3 flowers.
In the this ad pod there is? In the th
focus.?

OUr whole is 12 .


We dent know the whole
We could dol
$(2+3) 16=$ $7+3$ is a number bond $\in 0$ [0. $10+5=12$

Year 3


$6:$

$$
\begin{aligned}
& \because \circ<7+2+3=172 \quad 7 \\
& \therefore \quad \therefore \quad 2+3+7=122 \quad 3 \\
& \text { 7: } \begin{array}{rlr}
3+3=12 & +7 \\
3+3+3=122 & 5
\end{array} \\
& 4+4+4=12 \\
& 6+6=12 \\
& 2+2+2+2+2+2=12 \\
& \text { 3+ 8: } \\
& 9 \\
& \begin{array}{l}
\left.8+\begin{array}{l}
4 \\
4+4 \\
4 \\
=12
\end{array}\right)=8+3+4 \\
=12
\end{array}
\end{aligned}
$$



1.2 .22 Maths Week Journalling

$$
\begin{aligned}
& 7+3+2=12_{7_{8}^{\prime} 9401_{11}^{\prime} 12} \\
& 3+2=5+7=12 \\
& \begin{array}{cc}
T 0 & 10 \\
5 & 5 \\
\frac{5}{3} & 2 \\
2 & 12 \\
10 & 12 \\
\hline 12 &
\end{array}
\end{aligned}
$$

Incan have 4 pots \# 刲 曲
Iran have 3 pots and
I can have 3
pots. of 1 pot has 2 solowere another has 3 glower and the tart ma -57 .
(ii) (ii) iii)

I can have 4 pots of 3 slavers.


I can also have 3 pots of 4 flowers

(IIII) (IIII) (IIII) 3 groups of $4=12$
(11)(11)(11)(11)(11) 6 groups of $2=1$
metheol there: $3 \times 4=12$ or $12 \div 3: 4$
I have usel (multaication and (dinition) to hap me to get anouther way to 12 becouse its esayer.
motherd thour: $7+2=9$

$7,2,22$

$$
\begin{aligned}
& \begin{array}{r}
\text { comet so } \\
7 \\
3 \\
+2 \\
\hline 12 \\
\hline
\end{array} \\
& \text { method: } \\
& \begin{array}{r}
+2 \\
+10
\end{array} \\
& \begin{array}{l}
3 \times 4=12 \\
7+3+2=12+\frac{2}{12}
\end{array} \\
& 6 \times 2=12 \\
& \frac{1+3}{7 \quad 10(2)}
\end{aligned}
$$

Expanded colum


Moths Week Jailing
$7+3+2=12$

$\begin{array}{llllll}7 & 8 & 9 & 10 & 11 & 12\end{array}$
We cam add or
the $\operatorname{Mh}$ mes $f+3=1$
$3+3+3+3=12=$ and we meta $3=12$
$2+2+2+2+2+2+12$ get the same answer. $4+4+4=12$


## Year 4



4 flowers in each pot $\times 3$ pot $=12$ or $+23 \times 4=12$
This is cummunitive law and the number switch bit not the answer. This oddly work allition and muttiplica lion. Example
$9 \times 2=1$
$2 \times 8=$
$2 \times 2$
$10+4=$
$4+10=$
4


1.0 .2 .2022

Adding 3 single digit numbers
Key Vacablalory $12 \div 3=4$ Quotient


* Inverse advisor
* center band os
*Partitioning keryerent
* audient standadthe six represents the
*A dion KL LR'R A Sin flowers in each MMatifiliotion tue pot.
Lad 2 flowers +10 flowers $=12$ flower OALC in that
[5] flower [7] flowers

$$
12 \div 4=3
$$

Divider Divisor Quotient

$$
\text { II flowers + } 1 \text { flower = } 12 \text { flowers. }
$$

$$
\begin{aligned}
& 12 \text { flowers in total } \times 1 \text { pot }=12 \text {. } \\
& \text { or } 1 \times 12=12 \text {. }
\end{aligned}
$$

In Focus


7 pink flowers +3 red flowers +2 blue flowers will give the answer quotient to 12 .
Can you odd to find out how any flowers there are in total?


4 flowers in each pot $\times 3$ pots $=12$ or $+23 \times 4=12$
This is cummunitive law and the numbers swithon but The quotient is 12 in total not the answer. This only work addition and multiplica$7+3+2=12$ tron $9 \quad$ Example L: Label to work at at this equation. $9 \times 2=18$ $D=$ Data $\quad E=$ Equation
$\because$ Unkoain $A=$ Answer




Year 5




Mostly you rank it out mentally

We method.


111

$$
\begin{aligned}
& =3 \\
& =2 \\
& =7
\end{aligned}
$$

11.2 .2 .2


There ar 2 slaves in $\frac{x \times 99}{} \rightarrow$ in the gist god.

Step 3 $\left(x x^{\prime} 8939\right)^{3} 39890$ 493) (8) के 3 - 4 3 pots have 5 gowns the pot has 3gheres weave 2

Year 6

$$
\begin{aligned}
& \frac{7}{12}+\frac{3}{12}+\frac{2}{12}=\frac{12}{12} \\
& \frac{7}{12}+\frac{1}{4}+\frac{1}{6}=\frac{12}{12}=17_{\text {PF }}^{12} 1_{\text {BF }}^{12} \\
& \hline \text { RF }
\end{aligned}
$$

Ondor of Operations

$$
\begin{aligned}
& \frac{7}{12}+\left(\frac{1}{6}+\frac{1}{4}\right)=1 \\
& \frac{1}{6}+\frac{7}{12}+\frac{1}{4}=1
\end{aligned}
$$

Recinals $0.58{ }^{3}$

$$
0.25+0.7 z+0.16 \dot{6}=1
$$

The dot in the themenother collum manan the 6 contimen frever.

Explanation
$a+b=10 \quad$ These are 2 equations. The difference between $a t c=9$
$a+c=9$ them ike 1. Hut Since the a stayed the $b+c=$ § same the difference between $c$ ord be b is one bte $s 5$ that mana tone of them is 2 and the
offer one. is 3 .
mene Percekntanes
2S1. of all the flowers ane fed $\sqrt{2}$. I know this because $\frac{1}{4}: \frac{25}{100}$. On top of that, percentages are out of $/ 100$.

## SEN



Ronnie was able to build each number using cubes and a tens frame.

He then counted on starting from the 7.
He could not recognise that the 3 and 7 made 10.


Ashfaq build the numbers using the Numicon. With support he could see that 7 and 3 made ten. He then counted on from 10 to get an answer of 12.

