

Week 9 Day 1

Remember: Pencil, short date, underlined.

Teacher models $74 + 28$

H	T	O							
			(	+	)				
			(		+		)		
			(			+		)	

Mega Challenge:

$74 + 28$

$166 + 45$

$166 + 189$



Calculation at Chesswood

Addition 5

Expanded Column

Use squared paper to write the numbers in columns.

$$\begin{array}{r} 76 \\ + 47 \\ \hline 13 \quad (6+7) \\ 110 \quad (40+70) \\ \hline 123 \end{array}$$

The numbers must be in columns!
I will start with the ones first.



$76 + 47 = 123$

Week 9 Day 1

Remember: Pencil, short date, underlined.

Class helps teacher to
model $166 + 45$

H	T	O							
			(	+	)				
			(		+	)			
			(			+	)		

Mega Challenge:

$74 + 28$

$166 + 45$

$166 + 189$



Calculation at Chesswood

Addition 5

Expanded Column

Use squared paper to write
the numbers in columns.

$$\begin{array}{r} 76 \\ + 47 \\ \hline 13 \quad (6+7) \\ 110 \quad (40+70) \\ \hline 123 \end{array}$$

The numbers must
be in columns!
I will start with
the ones first.



$76 + 47 = 123$

Week 9 Day 1

Remember: Pencil, short date, underlined.

Now, children try $166 + 189$ on their own.

H	T	O							
			(	+	)				
			(		+		)		
			(			+		)	

Mega Challenge:

$74 + 28$

102

$166 + 45$

211

$166 + 189$

355



Calculation at Chesswood

Addition 5

Expanded Column

Use squared paper to write the numbers in columns.

$$\begin{array}{r} 76 \\ + 47 \\ \hline 13 \quad (6+7) \\ 110 \quad (40+70) \\ \hline 123 \end{array}$$

The numbers must be in columns!
I will start with the ones first.



$76 + 47 = 123$

Week 9 Day 2

Remember: Pencil, short date, underlined.

Class helps teacher to model $674 - 358$.

Show your working out!
Use a template if needed!

[illegible]

Mega Challenge:

$$747 - 539$$

$$674 - 358$$

$$683 - 255$$



Calculation at Chesswood

Subtraction

5

Expanded Column

Use squared paper to write the numbers in columns.

If I subtract 7 from 6,
I get a negative number - I can't use this
within a calculation!
I need to exchange a ten
into ten ones: $10 + 6 = 16$.
 $16 - 7 = 9$

$$\begin{array}{r}
 200 \quad 160 \\
 \cancel{60} \cancel{16} \\
 300 + 70 + 6 \\
 - 100 + 70 + 7 \\
 \hline
 200 + 90 + 9 = 299
 \end{array}$$

When I get more confident I can subtract larger numbers.

But now I can't subtract 70 from 60!
I need to exchange a hundred
into ten tens: $100 + 60 = 160$.
 $160 - 70 = 90$

376 - 177 = 199



Year 3

Week 9 Day 3

Remember: Pencil, short date, underlined.

Teacher models $79 + 28$

H	T	O							
			(	+	)				
			(		+	)			
			(			+	)		

Mega Challenge:

$79 + 28$

$242 + 38$

$242 + 189$



Calculation at Chesswood

Addition 5

Expanded Column

Use squared paper to write the numbers in columns.

$$\begin{array}{r} 76 \\ + 47 \\ \hline 13 \quad (6 + 7) \\ 110 \quad (40 + 70) \\ \hline 123 \end{array}$$

The numbers must be in columns!
I will start with the ones first.



$76 + 47 = 123$

Week 9 Day 3

Remember: Pencil, short date, underlined.

Class helps teacher to model $242 + 38$.

H	T	O							

Mega Challenge:

$79 + 28$

$242 + 38$

$242 + 189$



Calculation at Chesswood

Addition 5

Expanded Column

Use squared paper to write the numbers in columns.

$$\begin{array}{r} 76 \\ + 47 \\ \hline 13 \quad (6+7) \\ 110 \quad (40+70) \\ \hline 123 \end{array}$$

The numbers must be in columns!
I will start with the ones first.



$76 + 47 = 123$

Week 9 Day 4

Remember: Pencil, short date, underlined.

Teacher models 708 - 562

H		T	O			
		+		+	=	

Mega Challenge:

$$708 - 562$$



$$822 - 241$$



$$924 - 416$$





Calculation at Chesswood

Subtraction

5

Expanded Column

Use squared paper to write the numbers in columns.

If I subtract 7 from 6,
I get a negative number - I can't use this within a calculation!

I need to exchange a ten into ten ones: $10 + 6 = 16$.
 $16 - 7 = 9$

$$\begin{array}{r}
 200 \quad 160 \\
 \cancel{300} \quad \cancel{70} \quad \cancel{6} \\
 - 100 \quad \cancel{70} \quad \cancel{7} \\
 \hline
 200 + 90 + 9 = 299
 \end{array}$$

But now I can't subtract 70 from 60!

I need to exchange a hundred into ten tens: $100 + 60 = 160$.
 $160 - 70 = 90$

376 - 177 = 199

When I get more confident I can subtract larger numbers.



Week 9 Day 4

Remember: Pencil, short date, underlined.

Class helps teacher to model 822 - 241.

[illegible]

Mega Challenge:

$$708 - 562$$



$$822 - 241$$



$$924 - 416$$





Calculation at Chesswood

Subtraction

5

Expanded Column

Use squared paper to write the numbers in columns.

If I subtract 7 from 6,
I get a negative number - I can't use this within a calculation!
I need to exchange a ten into ten ones: $10 + 6 = 16$.
 $16 - 7 = 9$

$$\begin{array}{r}
 200 \quad 160 \\
 \cancel{300} \quad \cancel{70} \quad \cancel{6} \\
 - 100 \quad \cancel{70} \quad \cancel{7} \\
 \hline
 200 + 90 + 9 = 299
 \end{array}$$

But now I can't subtract 70 from 60!
I need to exchange a hundred into ten tens: $100 + 60 = 160$.
 $160 - 70 = 90$

376 - 177 = 199




Week 9 Day 4

Remember: Pencil, short date, underlined.

Now, children try $924 - 416$ on their own.

H		T	O				
		+		+	=		

Mega Challenge:

$$708 - 562$$

146

$$822 - 241$$

581

$$924 - 416$$

508



Calculation at Chesswood

Subtraction

5

Expanded Column

Use squared paper to write the numbers in columns.

If I subtract 7 from 6,
I get a negative number – I can't use this
within a calculation!

I need to exchange a ten
into ten tens: $10 + 6 = 16$.
 $16 - 7 = 9$

$$\begin{array}{r}
 200 \\
 - 100 \\
 \hline
 100
 \end{array}$$

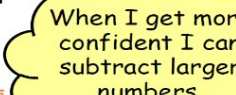
$$\begin{array}{r}
 160 \\
 - 70 \\
 \hline
 90
 \end{array}$$

But now I can't subtract 70 from 60!
I need to exchange a hundred
into ten tens: $100 + 60 = 160$.
 $160 - 70 = 90$

$$\begin{array}{r}
 300 \\
 - 100 \\
 \hline
 200
 \end{array}$$

$$\begin{array}{r}
 90 + 9 \\
 \hline
 99
 \end{array}$$

$200 + 90 + 9 = 299$




376 - 177 = 199

Year 3