Entry 2 – Skills work

Maths
Personal Learning Project (PLP)
Entry 2 – Skills work

I can use columns to work out two-digit addition sums (without carries)

1. \[ 28 + 31 = \]
   \[
   \begin{array}{c}
   2 \ 8 \\
   3 \ 1 \\
   \end{array}
   \]

2. \[ 52 + 27 = \]
   \[
   \begin{array}{c}
   5 \ 2 \\
   2 \ 7 \\
   \end{array}
   \]

3. \[ 83 + 11 = \]
   \[
   \begin{array}{c}
   8 \ 3 \\
   1 \ 1 \\
   \end{array}
   \]

4. \[ 49 + 40 = \]
   \[
   \begin{array}{c}
   4 \ 9 \\
   4 \ 0 \\
   \end{array}
   \]

5. \[ 12 + 15 = \]
   \[
   \begin{array}{c}
   1 \ 2 \\
   1 \ 5 \\
   \end{array}
   \]

6. \[ 66 + 13 = \]
   \[
   \begin{array}{c}
   6 \ 6 \\
   1 \ 3 \\
   \end{array}
   \]
Entry 2 – Skills work

I can use columns to work out two-digit addition sums (with carries)

1) 14\[+\]58 \[=\] \[\_\_\_\_] 2) 55\[+\]76 \[=\] \[\_\_\_\_] 3) 54\[+\]60 \[=\] \[\_\_\_\_] 4) 29\[+\]36 \[=\] \[\_\_\_\_] 5) 37\[+\]64 \[=\] \[\_\_\_\_] 6) 45\[+\]75 \[=\] \[\_\_\_\_] 7) 62\[+\]29 \[=\] \[\_\_\_\_] 8) 38\[+\]19 \[=\] \[\_\_\_\_] 9) 21\[+\]85 \[=\] \[\_\_\_\_] 10) 15\[+\]65 \[=\] \[\_\_\_\_] 11) 32\[+\]39 \[=\] \[\_\_\_\_] 12) 81\[+\]29 \[=\] \[\_\_\_\_] 13) 47\[+\]46 \[=\] \[\_\_\_\_] 14) 56\[+\]28 \[=\] \[\_\_\_\_] 15) 25\[+\]17 \[=\] \[\_\_\_\_] 16) 46\[+\]14 \[=\] \[\_\_\_\_] 17) 24\[+\]69 \[=\] \[\_\_\_\_] 18) 73\[+\]50 \[=\] \[\_\_\_\_] 19) 18\[+\]77 \[=\] \[\_\_\_\_] 20) 96\[+\]26 \[=\] \[\_\_\_\_] 21) 59\[+\]22 \[=\] \[\_\_\_\_] 22) 82\[+\]48 \[=\] \[\_\_\_\_] 23) 35\[+\]28 \[=\] \[\_\_\_\_] 24) 80\[+\]37 \[=\] \[\_\_\_\_] 25) 16\[+\]19 \[=\] \[\_\_\_\_]
Entry 2 – Skills work

I can re-arrange sums into columns to add two-digit numbers.

Please arrange the following number sentences into columns to find the correct answers

1. 11 + 13 =

2. 15 + 14 =

3. 21 + 24 =

4. 26 + 32 =

5. 33 + 34 =

6. 41 + 45 =

7. 53 + 32 =

8. 23 + 45 =

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E.g. Show how you could find the sum of 9 and 29 in your head.

9 to the nearest 10 = 10
29 to the nearest 10 = 30
10+30=40
40-2 = 38

1. Show how you could find the sum of 29 and 49 in your head.

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2. Show how you could find the sum of 49 and 19 in your head.

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3. Show how you could find the sum of 19 and 69 in your head.

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Entry 2 – Skills work

I can use the **partitioning** method to add two-digit numbers

**E.g. show how you could find the sum off 46 and 21 in your head.**

*Add units first – 6 and 1 = 7*

*Add tens next – 40 + 20 = 60*

*Add the two answers together – 60 + 7 = 67*

1. **Show how you could find the sum of 33 and 31 in your head.**

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2. **Show how you could find the sum of 27 and 12 in your head.**

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3. **Show how you could find the sum of 43 and 24 in your head.**

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I can use the **partitioning** method to add two-digit numbers.
Entry 2 – Skills work

I can apply my addition skills to worded number sentences

Please can you find the number sentence from the word problem and find the correct answer.

E.g. – what is the sum of 22 and 41?
Answer: 22 + 41 = 63

1. If Kevin has 13 apples and Bob has 14 apples, how many do they have altogether?

2. What is the sum of 9 and 11?

3. If Sue has 10 pens and Leanne has 20 pens, how many do they have in total?

4. What is the total of 29 and 10?

5. If I have 23 kiwi’s and 22 oranges, how many pieces of fruit do I have altogether?

6. What is the sum of 29 and 39 in your head? (use rounding)

7. What is the total of 6, 3 and 1?

8. If Jay does 20 minutes of work and has 5 minutes time out, how many minutes is that in total?
Entry 2 – Skills work

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I can recognise key words related to addition and subtraction
Entry 2 – Skills work

Addition and Subtraction

Add  DIFFERENCE  PLUS  TOTAL
ALTGETHER  LESSTHAN  SUBTRACT  TAKEAWAY
AND  MINUS

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G  S  W
VF  SA

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Entry 2 – Skills work

Circle word in each question that means subtraction:

E.g. add total share take away

1. Total divide minus multiply
2. Share difference altogether times
3. Count take away share plus
4. Subtract total divide multiply
5. Difference plus altogether share
6. Minus add times divide
7. Difference plus count times
Entry 2 – Skills work

I can subtract 1-digit numbers from 2-digit numbers.

1) 15 – 3 = 2) 73 – 1 = 3) 37 – 7 =
4) 39 – 5 = 5) 94 – 3 = 6) 62 – 0 =
7) 95 – 2 = 8) 68 – 8 = 9) 96 – 3 =
10) 76 – 4 = 11) 84 – 2 = 12) 41 – 1 =
13) 58 – 6 = 14) 26 – 4 = 15) 99 – 8 =
Entry 2 – Skills work

I can use the column method to subtract 2-digit numbers (without exchanging/borrowing)

\[
\begin{array}{ccccccc}
\end{array}
\]
Entry 2 – Skills work

I can use the column method to subtract 2-digit numbers (with exchanging/borrowing)

\[
\begin{array}{ccccccc}
71 & - & 62 & - & 90 & - & 60 \\
- & 46 & - & 15 & - & 44 & - & 38 \\
\hline
25 & & 47 & & 46 & & 22 \\
\end{array}
\]

\[
\begin{array}{ccccccc}
93 & - & 92 & - & 46 & - & 64 \\
- & 34 & - & 68 & - & 19 & - & 16 \\
\hline
59 & & 24 & & 27 & & 48 \\
\end{array}
\]

\[
\begin{array}{ccccccc}
73 & - & 80 & - & 44 & - & 54 \\
\hline
46 & & 52 & & 19 & & 35 \\
\end{array}
\]

\[
\begin{array}{ccccccc}
87 & - & 52 & - & 41 & - & 86 \\
- & 48 & - & 39 & - & 26 & - & 49 \\
\hline
39 & & 13 & & 15 & & 37 \\
\end{array}
\]

\[
\begin{array}{ccccccc}
61 & - & 40 & - & 35 & - & 70 \\
- & 33 & - & 14 & - & 16 & - & 28 \\
\hline
28 & & 26 & & 19 & & 52 \\
\end{array}
\]
I can use my subtraction skills to answer worded subtraction sentences.

1. A shop has 56 books on the top shelf and 21 are sold. How many are left?

2. I have 76 sweets but drop 32, how many are left?

3. There are 75 people on the bus, 42 get off, how many remain?

4. I have 46 students in a class, 21 leave for lunch how many remain?

5. Peter has 65 books but drops 29, how many does he still have?

6. Sally bakes 54 cakes and sells 37, how many does she have left?
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