



MPI: Reviewing composition for 3-digit numbers.

Wb 31.10.22 Session 1

Partition the numbers below into hundreds, tens and ones.											
483 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>	555 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>
609 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>	870 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>

Partition the numbers below into hundreds, tens and ones.											
791 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>	333 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>
207 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>	780 =	<input type="text"/>	+	<input type="text"/>	+	<input type="text"/>



MPI: Adding two 2-digit numbers (no regrouping)

Session 2 wb 31.10.22

Find the sum.

$$\begin{array}{r} 1. \quad 14 \\ + 73 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 30 \\ + 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 33 \\ + 16 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 45 \\ + 10 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 76 \\ + 0 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 18 \\ + 70 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 80 \\ + 19 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 11 \\ + 45 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 8 \\ + 10 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 63 \\ + 31 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 24 \\ + 64 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 30 \\ + 65 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 4 \\ + 94 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 32 \\ + 35 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 21 \\ + 23 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 71 \\ + 27 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 11 \\ + 13 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 15 \\ + 84 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 75 \\ + 12 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 70 \\ + 7 \\ \hline \\ \hline \end{array}$$



MPI: Adding two 3-digit numbers (no regrouping)

Session 2 wb 31.10.22

Find the sum.

$$\begin{array}{r} 1. \quad 545 \\ + 331 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 703 \\ + 155 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 623 \\ + 13 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 453 \\ + 411 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 449 \\ + 230 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 216 \\ + 121 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 611 \\ + 100 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 71 \\ + 717 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 222 \\ + 442 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 356 \\ + 520 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 570 \\ + 211 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 801 \\ + 63 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 419 \\ + 340 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 405 \\ + 100 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 158 \\ + 710 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 525 \\ + 420 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 113 \\ + 480 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 861 \\ + 120 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 740 \\ + 41 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 746 \\ + 151 \\ \hline \\ \hline \end{array}$$



MPI: Adding two 3-digit numbers using expanded column addition.

Session 3 wb 31.10.22

Calculate each sum using the expanded form of each addend.

1.
$$\begin{array}{r} 584 \longrightarrow 500 + 80 + 4 \\ + 694 \longrightarrow + 600 + 90 + 4 \\ \hline 1200 + 70 + 8 \\ = 1278 \end{array}$$

2.
$$\begin{array}{r} 237 \\ + 466 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 961 \\ + 464 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 171 \\ + 225 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 929 \\ + 294 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 643 \\ + 993 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 981 \\ + 783 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 546 \\ + 213 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 265 \\ + 642 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 644 \\ + 117 \\ \hline \end{array}$$



MPI: Aligning digits when using expanded column addition.

Session 4 wb 31.10.22

Y3 Au2 W1 - Session 4 0 3 . 1 1 . 2 2

MPI: Aligning digits in columns using the expanded column method.

1.	$63 \rightarrow 60 + 3$	$24 \rightarrow 20 + 4$	87	$80 + 7$	$= 87$	<u>EXAMPLE</u>
2.	59	10	87	259	310	10.943 $+ 378$
3.	37	21	87	137	521	
4.	46	53	87	846	153	
5.	56	21	87	456	321	