

Tuesday 19th January 2021

Lesson Objective: To add pairs of numbers that cross the 10s/100s using partitioning

★ Success Criteria ★		Me	Miss B
1	I can add 2-digit and 1-digit numbers and use a partitioning layout to add numbers		
2	I can add 2-digit numbers that cross the tens by partitioning.		
3	I can add 2 3-digit numbers with regrouping.		

Red

Please choose which of these red tasks you think is suitable for you.

$$\begin{array}{r} 72 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ + 6 \\ \hline \end{array}$$

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

$$\begin{array}{r} 93 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ + 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 52 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ + 1 \\ \hline \end{array}$$

Add the tens, add the ones then add them altogether.

$34 + 37 = \square$

tens	ones	altogether
		+ _____

$86 + 18 = \square$

tens	ones	altogether
		+ _____

$66 + 47 = \square$

tens	ones	altogether
		+ _____

$84 + 19 = \square$

tens	ones	altogether
		+ _____

Yellow

Use partitioning to answer the following questions.

1. $24 + 57 =$

2. $71 + 29 =$

3. $35 + 47 =$

4. $63 + 28 =$

5. $77 + 18 =$

6. $62 + 19 =$

7. $84 + 45 =$

8. $63 + 72 =$

9. $32 + 76 =$

10. $98 + 61 =$

11. $156 + 63 =$

12. $183 + 74 =$

13. $159 + 76 =$

14. $187 + 77 =$

15. $165 + 76 =$

16. $147 + 95 =$

17. $322 + 236 =$

18. $255 + 423 =$

19. $583 + 204 =$

20. $537 + 462 =$

Green

Use partitioning to solve the following calculations.

Alternatively use regrouping if you remember how to do it (see the example below).

$\begin{array}{r} 323 \\ + 518 \\ \hline 841 \\ \hline 1 \end{array}$	$\begin{array}{r} 607 \\ + 228 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 507 \\ + 463 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 319 \\ + 142 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 257 \\ + 706 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 505 \\ + 109 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 672 \\ + 243 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 591 \\ + 367 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 572 \\ + 336 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 760 \\ + 615 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 822 \\ + 345 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 912 \\ + 461 \\ \hline \\ \hline \end{array}$
$\begin{array}{r} 476 \\ + 485 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 655 \\ + 738 \\ \hline \\ \hline \end{array}$	$\begin{array}{r} 379 \\ + 648 \\ \hline \\ \hline \end{array}$	

Challenge: Complete the following calculations:

$\begin{array}{r} 3_8 \\ + _3_ \\ \hline 487 \\ \hline \end{array}$	$\begin{array}{r} 641 \\ + _7_ \\ \hline 12_4 \\ \hline \end{array}$	$\begin{array}{r} 4_5 \\ + _78 \\ \hline 1_4_ \\ \hline \end{array}$
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