

LO: To add and subtract 2 digit numbers

15.11.2021

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Can you partition these numbers into tens and ones?

For example -

$$46 = 40 + 6$$

$$67 =$$

$$11 =$$

$$90 =$$

$$53 =$$

$$75 =$$

$$42 =$$

$$38 =$$

LO: To add and subtract 2 digit numbers 15.11.2021

Last week, we learnt how to use expanded column method to subtract. The week before we learnt how to use expanded column method to add. Sometimes we needed to add on a ten and sometimes we needed to exchange a ten. Sometimes we don't need to do either of those things!

You are all working at different stages, but today we will recap the 4 methods which most of us know, and then you will work on the number sentences that you, personally, need to.

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15.11.2021

1. Expanded column method to add - easy

$$24 + 13 = 37$$

$$20 + 4$$

$$10 + 3$$

$$\hline 30 + 7 = 37$$

LO: To add 2 digit numbers

15.11.2021

Try this one on your own -

$$52 + 36 =$$

LO: To subtract 2 digit numbers

15.11.2021

2. Expanded column method to subtract - easy

$$69 - 14 = 55$$

$$\begin{array}{r} 60 + 9 \\ - 10 + 4 \\ \hline \end{array}$$

$$\underline{50 + 5} = 55$$

LO: To subtract 2 digit numbers

15.11.2021

Try this one on your own -

$$58 - 16 =$$

LO: To add 2 digit numbers

15.11.2021

3. Expanded column method to add - trickier

$$46 + 29 = 75$$

$$\begin{array}{r} 40 + 6 \\ + 20 + 9 \\ \hline 60 + 15 = 75 \end{array}$$

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15.11.2021

Try this one on your own -

$$58 + 36 =$$

LO: To subtract 2 digit numbers

4. Expanded column method to subtract - trickiest

$$52 - 18 = 34$$

$$\begin{array}{r} 4 \\ \cancel{5}0 + 12 \\ - 10 + 8 \\ \hline 30 + 4 \end{array}$$

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15.11.2021

Try this one on your own -


$$52 - 37 =$$

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Everyone will be working on a different level of challenge today and at a different speed.

You MUST concentrate and let others concentrate.

If you need help, put your hand up and wait patiently for help without talking.

If you complete the sheet you are working on, then you earn yourself a Trinity Bear! 

Once you have completed one sheet, you can move on to the next one.


 GET READY

Maths fluency

16.11.21

5 minutes

Once finished, write down the time it says on the stopwatch at the top of your sheet and turn your sheet upside down.

L.O. recall all number bonds to and within 10 and use them to reason with and calculate bonds to and within 20, recognising other associated addition relationships. (EX) 30.09.2019

$4 + 2 = \underline{\quad}$

$3 + 6 = \underline{\quad}$

$1 + 9 = \underline{\quad}$

$3 + 3 = \underline{\quad}$

$5 + 4 = \underline{\quad}$

$1 + 6 = \underline{\quad}$

$8 + 2 = \underline{\quad}$

$2 + 3 = \underline{\quad}$

$4 + 4 = \underline{\quad}$

$6 + 3 = \underline{\quad}$

$1 + 8 = \underline{\quad}$

$2 + 5 = \underline{\quad}$

$7 + 3 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

$\underline{\quad} = 1 + 3$

$\underline{\quad} = 4 + 6$

$\underline{\quad} = 5 + 5$

$\underline{\quad} = 9 + 1$

$\underline{\quad} = 0 + 8$

$\underline{\quad} = 4 + 3$

$\underline{\quad} = 2 + 4$

$\underline{\quad} = 0 + 9$

$\underline{\quad} = 2 + 2$

$\underline{\quad} = 4 + 5$

$\underline{\quad} = 5 + 2$

$\underline{\quad} = 5 + 1$

$\underline{\quad} = 8 + 2$

$\underline{\quad} = 3 + 7$

$4 + 6 = \underline{\quad}$

$2 + 8 = \underline{\quad}$

$1 + 1 = \underline{\quad}$

$7 + 0 = \underline{\quad}$

$1 + 7 = \underline{\quad}$

$2 + 6 = \underline{\quad}$

$3 + 4 = \underline{\quad}$

$\underline{\quad} = 2 + 2$

$\underline{\quad} = 3 + 6$

$\underline{\quad} = 5 + 2$

$\underline{\quad} = 4 + 1$

$\underline{\quad} = 4 + 0$

$\underline{\quad} = 4 + 5$

$\underline{\quad} = 6 + 4$

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Let's practice again on whiteboards first, before moving into books.

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Today is our last day practicing expanded column method to add and subtract.

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Subtraction Poem

more on top?
No need to stop!

$$\begin{array}{r} 58 \\ - 5 \\ \hline 53 \end{array}$$

More on the floor?
Go next door...
and get 10 more!

$$\begin{array}{r} 58 \\ - 8 \\ \hline 47 \end{array}$$

Numbers the same?
Zero's the game!

$$\begin{array}{r} 58 \\ - 8 \\ \hline 50 \end{array}$$

Subtraction

More on top? $\begin{array}{r} 67 \\ - 5 \\ \hline 62 \end{array}$
Don't stop!

More on the floor? $\begin{array}{r} 66 \\ - 9 \\ \hline 57 \end{array}$
Pop next door to get
10 more!

**Are the numbers
the same?** $\begin{array}{r} 67 \\ - 7 \\ \hline 60 \end{array}$
Zero's the game!

