



Monday 14.12.20

Subtracting by exchanging 100

1. $539 - 156$

2. $428 - 272$

3. $164 - 83$

4. $252 - 171$

5. $627 - 364$

6. $138 - 85$



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Be the teacher!

Make up 4 of your own calculations that need to exchange 100.

Can you create a calculation where both the tens and the hundreds need exchanging?



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Subtracting by exchanging across zero

Draw the dienes to represent the minuend in the HTO mat, then use a different colour to cross out the subtrahend. Complete the number sentence with the difference.

$$602 - 293 = \underline{\hspace{2cm}}$$

| Hundreds | Tens | Ones |
|----------|------|---|
| | | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |
| | | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |
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$$806 - 529 = \underline{\hspace{2cm}}$$

| Hundreds | Tens | Ones |
|----------|------|---|
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| | | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |
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$$307 - 219 = \underline{\hspace{2cm}}$$

| Hundreds | Tens | Ones |
|----------|------|---|
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Tuesday 15.12.20

Challenge

Which calculations require exchanging a ten? Which do you have to exchange a 100? Do any require you to exchange a ten and a hundred?

Sort them into groups. Then create one of your own calculation for each group.

$$\begin{array}{r} 563 \\ - 213 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 482 \\ - 197 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 824 \\ - 319 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 405 \\ - 123 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 316 \\ - 103 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 903 \\ - 124 \\ \hline \\ \hline \end{array}$$



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Wednesday 16.12.20

Using column subtraction

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Rosie thinks $352 - 89 = 337$

| | | | |
|---|---|---|---|
| | H | T | O |
| | 3 | 5 | 2 |
| - | | 8 | 9 |
| | 3 | 3 | 7 |

Is she correct?

Explain why.

Use $<$, $>$ or $=$ to make the statements correct.

$$234 - 47 \bigcirc 234 - 57$$

$$472 - 84 \bigcirc 473 - 84$$

$$406 - 89 \bigcirc 416 - 99$$



Wednesday 16.12.20

Using column subtraction to solve word problems

1. A jug of water has 782ml of water in it. Adam pours 726ml out. How much water is left?

2. Peter is running a 502m race. He is 217m away from the finish line. How far has he already run?

3. There are 567 children in a school. One day, 539 children turn up to school. How many children were away that day?

4. Bharat's car journey takes 112 minutes. He is 78 minutes into the journey. How much longer does he have to travel?

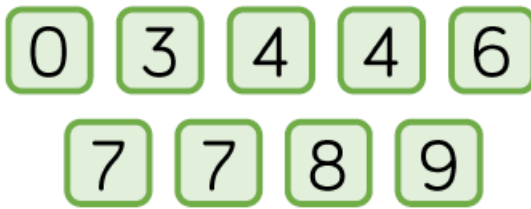
5. Cheryl has saved £134. She spends £56 on a new pair of trainers. How much does she have left?



Wednesday 19.12.20



Use the digit cards to complete the calculation.



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The digits in the shaded boxes are odd.

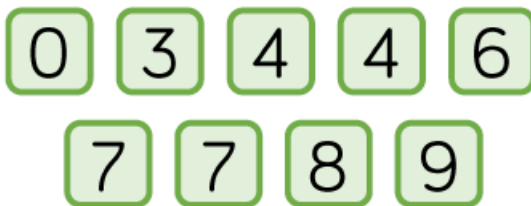
Is there more than one answer?



Wednesday 16.12.20



Use the digit cards to complete the calculation.



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The digits in the shaded boxes are odd.

Is there more than one answer?