

18.01.21

Fab four - fluency

1. Finish this sequence - 6.7, 8.7, _____ , 12.7, _____ , 16.7, _____
2. Round these decimals to the nearest whole number: 13.2, 15.9, 18.5
3. Name 4 factors of 48
4. Name 3 multiples of 6

Recap column/ compact method for addition

$$\begin{array}{r}
 2853 \\
 + 3322 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 4624 \\
 + 2892 \\
 \hline
 \end{array}$$

19.01.21 I can add 4-digit numbers using compact method.

Mild

$2345 + 1236$

$3467 + 2528$

$4231 + 1794$

$3824 + 2095$

$4673 + 2346$

$4527 + 3264$

$3672 + 2234$

$6234 + 2449$

Spicy

$3421 + 2459$

$4583 + 3426$

$1298 + 6325$

$2567 + 4244$

$5624 + 2437$

$3824 + 3419$

$5682 + 2491$

$6823 + 1659$

Extra Hot

$3276 + 4931$

$4236 + 3829$

$2455 + 3561$

$3768 + 3473$

$4527 + 2594$

$2458 + 5673$

$5628 + 5295$

$4582 + 6648$

I can add 3-digit numbers using compact method. 20.01.20

$$321 + 459$$

$$583 + 426$$

$$298 + 625$$

$$567 + 434$$

$$624 + 237$$

$$324 + 419$$

$$682 + 291$$

$$823 + 159$$

19.01.21

Fab four - fluency

1. Finish this sequence - 10.5, _____, 10.1, _____, _____, 9.5
2. Round these decimals to the nearest whole number: 4.7, 2.5, 9.1
3. Name 4 factors of 44
4. Name 3 multiples of 8

Recap column/ compact method for addition

$$\begin{array}{r}
 6295 \\
 + 4613 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 4635 \\
 + 5846 \\
 2957 \\
 \hline
 \end{array}$$

Missing numbers

1.

$$\begin{array}{r}
 2 \square 66 \\
 + 8862 \\
 \hline
 11428 \\
 \hline
 111
 \end{array}$$

2.

$$\begin{array}{r}
 5370 \\
 + 1\square 84 \\
 \hline
 6954 \\
 \hline
 1
 \end{array}$$

4.

$$\begin{array}{r}
 7786 \\
 + 50\square 8 \\
 \hline
 12864 \\
 \hline
 111
 \end{array}$$

5.

$$\begin{array}{r}
 853\square \\
 + 1992 \\
 \hline
 10531 \\
 \hline
 1111
 \end{array}$$

19.01.21 I can add 4-digit numbers using compact method.

Either recapping column method or trying missing numbers.

Mild

$$4256 + 3742$$

$$7851 + 2463$$

$$5258 + 4137$$

$$4891 + 2763$$

$$3652 + 2975$$

$$4956 + 3248$$

$$5347 + 4269$$

$$5638 + 6453$$

Spicy

Calculate the missing digits in these calculations.

$$\begin{array}{r} 1. \quad 8 \square 9 6 \\ + \quad 2 5 9 \\ \hline 8 8 5 5 \end{array}$$

$$\begin{array}{r} 2. \quad 4 2 6 4 \\ + \quad \square 2 1 \\ \hline 4 6 8 5 \end{array}$$

$$\begin{array}{r} 3. \quad 8 4 0 6 \\ + \quad 2 \square 4 \\ \hline 8 6 3 0 \end{array}$$

$$\begin{array}{r} 4. \quad \begin{array}{c} 1 1 \\ 6 1 \square 9 \\ + \quad 1 1 3 \\ \hline 6 2 6 2 \end{array} \end{array}$$

$$\begin{array}{r} 5. \quad 7 7 9 4 \\ + \quad \square 0 3 \\ \hline 8 3 9 7 \end{array}$$

$$\begin{array}{r} 6. \quad \begin{array}{c} 1 \\ 3 \square 1 9 \\ + \quad 4 3 3 \\ \hline 3 5 5 2 \end{array} \end{array}$$

$$\begin{array}{r} 7. \quad \begin{array}{c} 1 \\ 5 3 7 4 \\ + \quad 9 2 \square \\ \hline 6 2 9 8 \end{array} \end{array}$$

$$\begin{array}{r} 8. \quad \begin{array}{c} 1 \\ \square 3 1 4 \\ + \quad 3 2 2 \\ \hline 2 6 3 6 \end{array} \end{array}$$

$$\begin{array}{r} 9. \quad \begin{array}{c} 1 \\ 9 4 8 \square \\ + \quad 6 1 1 \\ \hline 1 0 1 0 0 \\ \hline 1 1 1 \end{array} \end{array}$$

Hot

Calculate the missing digits in these calculations.

$$\begin{array}{r} 1. \quad 1 \square 5 9 \\ + \quad 4 8 8 \\ \hline 1 7 4 7 \end{array}$$

$$\begin{array}{r} 2. \quad 7 6 3 7 \\ + \quad 1 \square 9 \\ \hline 7 7 7 6 \end{array}$$

$$\begin{array}{r} 3. \quad 9 4 3 \square \\ + \quad \square 7 7 \\ \hline 1 0 1 1 5 \end{array}$$

$$\begin{array}{r} 4. \quad 5 5 \square 5 \\ + \quad \square 2 7 \\ \hline 6 1 8 2 \end{array}$$

$$\begin{array}{r} 5. \quad 3 2 7 \square \\ + \quad 8 \square 8 \\ \hline 4 1 7 5 \end{array}$$

$$\begin{array}{r} 6. \quad 2 \square 5 5 \\ + \quad 4 6 \square \\ \hline 2 7 2 4 \end{array}$$

$$\begin{array}{r} 7. \quad 9 5 \square 5 \\ + \quad 4 0 8 \\ \hline 9 9 2 3 \end{array}$$

$$\begin{array}{r} 8. \quad 5 6 9 8 \\ + \quad 1 4 \square \\ \hline 5 8 3 9 \end{array}$$

$$\begin{array}{r} 9. \quad 4 \square 4 4 \\ + \quad 1 \square 5 \\ \hline 4 7 4 9 \end{array}$$

Warm-up using 3-digit numbers if you want!

$$375 + 462$$

$$591 + 437$$

$$252 + 653$$

$$534 + 482$$

$$636 + 291$$

$$324 + 779$$

$$654 + 591$$

$$853 + 352$$

20.01.21

Fab four - fluency

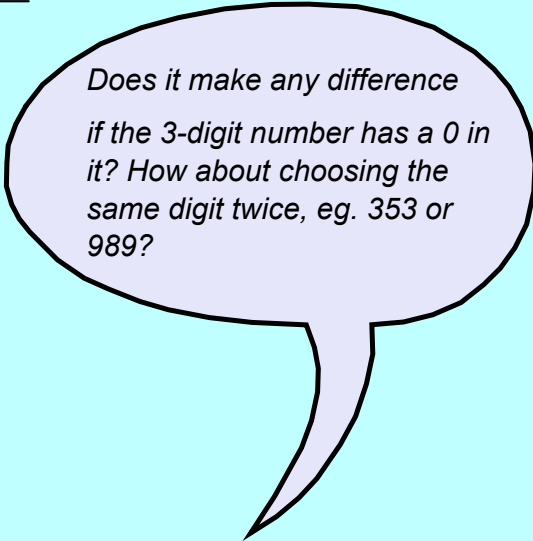
1. Finish this sequence - 5625, 5650, _____, 5700, _____, 5750, _____, _____
2. Round these decimals to the nearest whole number: 0.1, 10.9, 0.5
3. Name 4 factors of 50
4. Name 3 multiples of 7

	6	2	3					5	8	1					
-	4	4	2					-	2	3	8				
	6	0	9					4	2	2					
-	5	2	6					-	2	3	3				

22.01.20 I can investigate column subtraction

1	2	3
4	5	6
7	8	9
	0	

1. Select **3** numbers - they **MUST** touch by a side or a corner.
2. Re-arrange the 3 numbers to make a **new 3-digit** number.
3. **Subtract the smaller** number from the larger number.
4. **Add the digits** of the answer.
5. Repeat this at least ten times!



Does it make any difference if the 3-digit number has a 0 in it? How about choosing the same digit twice, eg. 353 or 989?

22.01.20 I can investigate column subtraction

1	2	3
4	5	6
7	8	9
	0	

1.

I discovered that

21.01.21

Fab four - fluency

1. Finish this sequence: 4350, 4375, _____, 4425, _____, 4475, _____, _____
2. Round these decimals to the nearest whole number: 5.6, 0.8, 7.3
3. Name four factors of 24
4. Name three multiples of 9

Recap column/ compact method for subtraction

$$\begin{array}{r} 6825 \\ - 4653 \\ \hline \end{array}$$

$$\begin{array}{r} 7964 \\ - 5836 \\ \hline \end{array}$$

I can subtract 4-digit numbers using compact method.

21.01.21

Mild

$3623 - 2442$

$4521 - 2360$

$5472 - 2234$

$6236 - 3142$

$5245 - 3217$

$7326 - 4621$

$6845 - 2383$

$5356 - 2162$

Spicy

$4521 - 2350$

$5632 - 3252$

$6823 - 3492$

$7439 - 4265$

$5724 - 3243$

$6529 - 2236$

$6387 - 3628$

$8423 - 3582$

Extra Hot

$6236 - 2542$

$5637 - 3289$

$7365 - 4827$

$8553 - 4285$

$6373 - 2634$

$8535 - 3617$

$9425 - 5631$

$7643 - 3254$

Challenge:

$$\begin{array}{r} 1 \quad 9_45 \\ - _5_6 \\ \hline 171_ \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 26_5 \\ - 1_6_ \\ \hline _368 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad _5_7 \\ - 2_2_ \\ \hline 4971 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 2_ _8 \\ - _63_ \\ \hline 1075 \\ \hline \end{array}$$

Write your own missing numbers subtraction question!

I can subtract 4-digit numbers using compact method.

23.01.20

$$653 - 442$$

Youssef

$$571 - 360$$

$$572 - 234$$

$$676 - 142$$

$$545 - 217$$

$$726 - 431$$

$$845 - 383$$

$$556 - 162$$

22.01.21

Fab four - fluency

1. Finish this sequence - 0.7, _____, _____, 6.7, 8.7, _____
2. < > or = 5.70 5.7 6.3 6.28 7.99 8.1
3. Name 4 factors of 28
4. Name 3 multiples of 7

Recap column/ compact method for subtraction

$$\begin{array}{r}
 8246 \\
 - 2895 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 7563 \\
 - 4837 \\
 \hline
 \end{array}$$

I can subtract 4-digit numbers using compact method.

24.02.20

Mild

$3623 - 2442$

$5763 - 2192$

$4842 - 1271$

$6428 - 3246$

$5563 - 2327$

$6453 - 1262$

$7629 - 4237$

$8568 - 5324$

Spicy

$4521 - 2350$

$5098 - 3426$

$7546 - 4671$

$5465 - 1694$

$5961 - 2472$

$6543 - 3219$

$3232 - 1981$

$5326 - 3425$

Extra Hot

$6236 - 3542$

$7652 - 4871$

$5575 - 2456$

$6584 - 2395$

$7865 - 4476$

$8564 - 5658$

$10435 - 4564$

$10235 - 6291$

I can subtract 3-digit numbers using compact method.

Mild

$$623 - 442$$

$$763 - 192$$

$$842 - 271$$

$$428 - 246$$

$$563 - 227$$

$$453 - 126$$

$$629 - 237$$

$$568 - 324$$