

Tuesday 30th June 2020

Maths Formal subtraction with decimal numbers.

Early Bird Maths

Complete as many of the following questions as you can in five minutes.

1. $579573 + 2452$
2. 49×9
3. $83612 \div 7$
4. $\frac{4}{7}$ of 144
5. $520010 - 1994$

Pod 2 - Complete section C and the solving question below. Remember to show any calculations using formal methods.

TARGET To subtract decimals with different numbers of decimal places.

When setting out line up the decimal points and put in the missing zeros.

Example

Subtract 0.625 from 27.45.

$$\begin{array}{r} 6 \ 1 \ 4 \ 1 \\ 27.450 \\ - 0.625 \\ \hline 26.825 \end{array}$$

A

Work out

- | | | | |
|---|----------|----|----------|
| 1 | 4.73 | 7 | 67.1 |
| | $- 2.36$ | | $- 55.7$ |
| 2 | 61.8 | 8 | 83.8 |
| | $- 35.2$ | | $- 29.6$ |
| 3 | 7.54 | 9 | 76.0 |
| | $- 6.35$ | | $- 41.3$ |
| 4 | 80.9 | 10 | 52.5 |
| | $- 47.4$ | | $- 39.2$ |
| 5 | 5.62 | 11 | 91.7 |
| | $- 1.47$ | | $- 74.2$ |
| 6 | 95.9 | 12 | 48.3 |
| | $- 38.7$ | | $- 35.7$ |

B

Work out

- | | | | |
|---|-----------|----|------------|
| 1 | 56.2 | 7 | 5.17 |
| | $- 24.63$ | | $- 3.852$ |
| 2 | 3.374 | 8 | 54.636 |
| | $- 1.56$ | | $- 25.7$ |
| 3 | 17.81 | 9 | 7.92 |
| | $- 3.649$ | | $- 6.595$ |
| 4 | 92.8 | 10 | 91.44 |
| | $- 53.25$ | | $- 25.461$ |
| 5 | 4.736 | 11 | 76.4 |
| | $- 3.19$ | | $- 18.35$ |
| 6 | 80.9 | 12 | 6.245 |
| | $- 23.78$ | | $- 4.75$ |

C

Set out as in the examples.

- 1 $6.512 - 0.837$
- 2 $5.635 - 2.52$
- 3 $72.1 - 19.41$
- 4 $4.706 - 2.77$
- 5 $85.27 - 9.684$
- 6 $16.4 - 2.935$
- 7 $9.619 - 5.73$
- 8 $11.03 - 6.472$
- 9 $4.925 - 1.96$
- 10 $12.58 - 5.734$
- 11 $3.348 - 1.476$
- 12 $50.26 - 3.822$

Solving

Eva makes a 5-digit number.

Mo makes a 4-digit number.

The difference between their numbers is 3,465

What could their numbers be?