



Home Learning Week 1 – Year 4


Thursday

Fluent in Five

 A. $\frac{1}{3}$ of 21 = 7

 B. $42 \times 3 = 126$

 C. $323 + 8 = 331$

 D. $3 \times 37 = 111$

Maths - Classroom Secrets

Varied Fluency Tenths on a Number Line

Developing

- 1a. 0.1
2a. 0.1, 0.5, 0.8 written on the 1st, 5th, and 8th increments on the number line.
3a. 0.6cm written on the 6th increment on the number line.
4a. False, the ones digit in each decimal should be 0.

Expected

- 5a. 0.7
6a. 1.2, 1.5, 1.9 written on the 2nd, 5th and 9th increments on the number line.
7a. 3.6cm written on the 6th increment on the number line.
8a. False, the ones digit in each decimal should be 5.

Greater Depth

- 9a. 1.5
10a. 3.3 in between the 1st and 2nd increments, 3.5 in between the 2nd and 3rd increments and 3.8 on the 4th increment.
11a. 6.7cm in between the 3rd and 4th increment.
12a. False, the increments should be labelled 6.4, 6.8, 7.2 and 7.6.

Varied Fluency Tenths on a Number Line

Developing

- 1b. 0.5
2b. 0.2, 0.4, 0.7 written on the 2nd, 4th and 7th increments on the number line.
3b. 0.2cm written on the 2nd increment on the number line.
4b. False, the tenths digit in each decimal should be going up in tenths, for example: 0.1, 0.2, 0.3 etc.

Expected

- 5b. 1.4
6b. 2.3, 2.6, 2.8 written on the 3rd, 6th and 8th increments on the number line.
7b. 6.4cm written on the 4th increment on the number line.
8b. False, the tenths and ones digits need to be switched e.g 1.7 should be 7.1.

Greater Depth

- 9b. 1.7
10b. 5.1 in between 5 and the 1st increment, 5.4 on the 2nd increment, 5.9 in between the 4th increment and 6.
11b. 8.3cm in between the 1st and 2nd increment.
12b. False, after 7.8 the increments should be labelled 8.0, 8.2, 8.4, 8.6 and 8.8.

Reading

Parts of the Volcanoes

Answers:

1. A supervolcano
2. Mt. Vesuvius
3. A central vent
4. During a volcano's first eruption
5. Granite or basalt

S: Magma breaks through the surface of the volcano somewhere other than the main crater

V: Recognisable

S: When it reaches the surface of the Earth

V: They are much bigger or more dangerous than normal volcanoes

E: The diagram shows inside a volcano so it is easy to see the separate parts. The headings make it easier to find information. The lines point to each section.