

Year 6 home learning - week 1 - 25.3.20

Alongside the homework, please read at home, be it a newspaper, magazine, book or internet article. Don't forget, if you would like an extra task, check the Take Home Tasks on the curriculum newsletter or practise the new spelling words. Also check out the Home Learning section on the school website!



Josh is trying to run **10 kilometres** in one week.

Here are the distances he runs on the first three days:

Day 1: 1.6 kilometres

Day 2: 850 metres

HOW MUCH FURTHER DOES HE HAVE TO RUN?

Miss Brown is making a packed lunch for each child in her class. They each receive:

*A **200g** sandwich*

*A **35g** packet of crisps*

She has **32 children** in her class.

WHAT IS THE TOTAL WEIGHT OF THE PACKED LUNCHES?

If you convert any amount of grams into kilograms then it will never have an amount in the ones column e.g. **76g = 0.076kg**.

Jenny travels **652 miles** to go on holiday. Abbie thinks she travels further because she travels **1412 kilometres**.

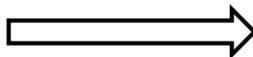
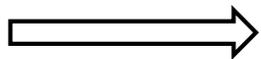
1 MILE IS 1.6 KILOMETRES. IS ABBIE RIGHT? EXPLAIN WHY.

A shop sells litre bottles of water for **99p each** but has an offer for **8x300ml bottles for £2** If he wants to buy **12L** of water, WHICH SHOULD HE BUY AND WHY?

Three athletes (Ben, Greg and Sam) jumped a total of **34.77m** in a long jump competition. Greg jumped exactly **2 metres further** than Ben. Sam jumped exactly **2 metres further** than Greg. WHAT DISTANCE DID THEY ALL JUMP?

Tami is **0.2 metres** taller than Sam. Dimo is **15cm** taller than Tami. WHO IS TALLEST? WHAT COULD THEIR HEIGHTS BE?

ARITHMETIC



1. $69 \div 3 = \underline{\quad}$

1. $3,693 \div 3 = \underline{\quad}$

1. $27,395 \div 3 = \underline{\quad}$

2. $\frac{1}{4}$ of 8 = $\underline{\quad}$

2. $\frac{1}{4}$ of 148 = $\underline{\quad}$

2. $\frac{3}{4}$ of 1480 = $\underline{\quad}$

3. $1\% \times 67 = \underline{\quad}$

3. $10\% \times 67 = \underline{\quad}$

3. $37\% \times 670 = \underline{\quad}$

4. $\frac{1}{4} + \frac{3}{5} = \underline{\quad}$

4. $\frac{1}{4} + \frac{3}{5} + \frac{7}{10} = \underline{\quad}$

4. $\frac{2}{13} + \frac{13}{78} = \underline{\quad}$

5. $0.21 + 1.12 = \underline{\quad}$

5. $1.12 - 0.21 = \underline{\quad}$

5. $1.12 \times 0.21 = \underline{\quad}$

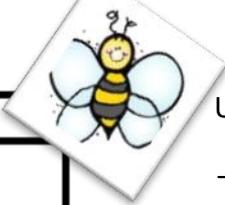
6. $0.5\text{km} = \underline{\quad}\text{m}$

6. $55\text{m} = \underline{\quad}\text{km}$

6. $5505.55\text{m} = \underline{\quad}\text{km}$

Silent Letter

castles
climbing
designed
different
environment
hedges
interesting
knee
knock
knowledge
known
participate
should
strength
stretched
surprise
whistle
wrestling



Use a variety of these strategies when learning your spellings:

- Word in a word.
- Memory trick.
- Say it your way.
- Write it in a sentence in context.
- Silly sentences.
- Word pictures.
- Synonym/Antonym.



Draw a map of the setting you wrote about. Label it clearly, using expanded noun phrases (e.g. the echoing chasm where the dragons live).

Don't forget to check out the learning links. Have a go on Sumdog and challenge your friends (and maybe your teacher) on Times Table Rockstars...