

Homework Tasks (Year 6):

- **GPS:** Please read 'Human Adaptations' on pg.2 of this file then answer – and mark – the 'Text' and 'Punctuation' questions on pg. 3 and 4. Answers can be found on pg.5. Please use these to help work out how to answer any questions you are unsure about. Your responses should be recorded in your Homework Jotter provided by school.
- **Maths:** Please complete – and mark – 'Long Division' on pg.6 of this file. Answers can be found on pg.7. Please use these to help work out how to answer any questions you are unsure about. Your responses should be recorded in your Homework Book provided by school.

Please ensure your completed homework books are handed in at school on Wednesday 3rd December.

- **Spelling:** A spelling test on **Autumn 2 Week 4** list of words will take place next **Friday**. The list of words is available separately on the Woodpecker Class page of the school website. Please log onto Spelling Shed to support practice at home.
- **Multiplication & Division Facts:** Application of multiplication and division facts will take place throughout the week during Fluent in Five and Flashback Four. Please practise all facts up to 12 x 12.
- **Reading:** You are expected to do **at least 20 minutes** of independent reading at home, **every day**. *Please remember to log all new books read – both those at home and at school – in our class reading log as there are no home reading records in Woodpecker Class:*

The Earth is a pretty unforgiving place to live and is even more dangerous for us as humans because our ancient ancestors decided to move out of the oceans and live on land.

Because of the way we have adapted, we can no longer breathe water. Not only that, our veins and lungs have adapted to be useful at sea level. If we head too far underwater, the pressure will crush them. We wouldn't even have to go very deep - around 100m for any length of time beyond a few seconds could be fatal.

We are also pretty rubbish with heights. The air gets thinner as you get higher, and humans soon succumb to oxygen deprivation. On top of that, we sweat more than most animals, so we lose a lot of water when we get too hot. This can lead to strokes. We've also lost most of our hair, so we can't retain heat well at all - this rules out living in exceptionally cold places.

In fact, if we hadn't developed things like clothing, we'd barely be able to live anywhere. As it is, humans can only live on around 4% of the Earth's surface!

FOCUS ON - WORD

1 Underline the suffixes in each of the words below.

- useful
- dangerous
- deprivation
- unforgiving

2 Which word means the same as dangerous?
Tick one.

- precarious
- serious
- furious
- obnoxious

3 Unforgiving uses a prefix and a suffix.

Make one more word which uses the same prefix and suffix.

+

move
place
lose
breathe

 + =

FOCUS ON - SENTENCE

1 Rewrite the sentence below with the main clause at the start.

Because of the way we have adapted, we can no longer breather water.

2 Replace the underlined word with a different modal verb and retaining the meaning of the sentence.

If we head too far underwater, the pressure will crush our lungs.

3 Write the original words.

Use the text to support your answers.

original words	contracted word
	we've
	can't
	hadn't
	we'd



Answers - Human Adaptations

WORD

1. useful

dangerous

deprivation

unforgiving

2. 1st option – precarious

3. unmoving

SENTENCE

1. We can no longer breathe water because of the way we have adapted.

2. If we head too far underwater, the pressure would crush our lungs.

3. we have = we've

cannot = can't

had not = hadn't

we would = we'd

Long Division 4

4. Use long division to identify which of the calculations below has a remainder of 7.

a

1	4	4	2	7	9

b

1	5	4	5	6	7

Key Facts

- $1 \times 15 = 15$
- $2 \times 15 = 30$
- $5 \times 15 = 75$
- $10 \times 15 = 150$

Key Facts

- $1 \times 14 = 14$
- $2 \times 14 = 28$
- $5 \times 14 = 70$
- $10 \times 14 = 140$



VF
HW/Ext

5. There are 1,897 competitors in the marathon and runners set off in groups of 35. Harrison and Emily have calculated how many groups will there be?



There will be 54 groups

There will be 55 groups



Who is correct?

Key Facts

- $1 \times 35 = 35$
- $2 \times 35 = 70$
- $5 \times 35 = 175$
- $10 \times 35 = 350$



VF
HW/Ext

6. Use the digit cards to create 3 of the possible divisions using a different divisor each time.

1	?	3	4	?	5

Key Facts

- $1 \times 11 = 11$
- $2 \times 11 = 22$
- $5 \times 11 = 55$
- $10 \times 11 = 110$

Key Facts

- $1 \times 16 = 16$
- $2 \times 16 = 32$
- $5 \times 16 = 80$
- $10 \times 16 = 160$

1 7 6

Key Facts

- $1 \times 17 = 17$
- $2 \times 17 = 34$
- $5 \times 17 = 85$
- $10 \times 17 = 170$



RPS
HW/Ext

Homework/Extension
Long Division 4

Expected

4. b

5. Emily is correct because $1,897 \div 35 = 54 \text{ r}7$. The remaining 7 will need to make an extra group so there will be 55 groups.

6. Various answers, for example: $3,465 \div 11 = 315$; $3,475 \div 11 = 315 \text{ r}10$; $3,415 \div 16 = 213 \text{ r}7$; $3,475 \div 16 = 217 \text{ r}3$; $3,415 \div 17 = 200 \text{ r}15$; $3,465 \div 17 = 203 \text{ r}14$