


## Weekly Learning for Year 6

**1st June 2020– Weekly Learning**

### Two week project: Amazing Animal Adaptations!

#### Self-Marking:

We have provided the answers for last week's tasks. Please use the answer sheets provided to mark your answers. 

- For maths, we have suggested a method for each question so if you have got an answer incorrect look at how you could have worked it out and have another go.
- For reading, we have written example answers for you to self-mark please use this to correct and amend your answers. The reading answers are attached below.
- For SPAG, mark your work using the answers provided.

#### Spelling

This week's spellings all come from the same word family. Can you spot what is similar about them all?

**Commit, committee, transmit, submit, commitment, emit, permit, intermittent, omit, unremitting.**

1. Look up the definitions for each spelling
2. Practice using each spelling by writing it into a sentence.
3. Extra challenge: Make a quiz on purple mash for your spellings. As the question you could write a what am I clue (e.g. I am when something is passed or transferred between people or places. What am I?) or a sentence with a missing word (e.g. We have to stay at home so that people can not easily \_\_\_\_\_ Covid-19 to each other).

#### Writing

This week we would like you to write your 'Flashback Story' of The Piano. Remember, a flashback story contains paragraphs that take the reader back in time – to a distant memory, or to something that happened in the past. To refresh your ideas, watch the clip 'The Piano' again here:

<https://www.youtube.com/watch?v=gEAnre-s4-o>

and look at the work you did last week.

**We have provided a model text to help you.** Remember you can magpie from the model text but we would love to see some of your own ideas as well. Please e-mail us if you want any help and we can mark your writing too to help you edit and improve.

#### Reading

This week, we would like you to **read chapter 2 of Rumble Stiltskin on Purple Mash**. Once you have read it you can complete the following on Purple Mash:

- 1) Chapter 2: Multiple Choice
- 2) Chapter 2: Sequencing
- 3) Chapter 2: Open Ended Questions
- 4) Chapter 2: SPaG

Task 1 is online in your To-Do's. To find task 2, 3 and 4 type Rumble Stiltskin into the search bar and look in the Chapter 1 section. You do not need to print the questions out, just write your answers on a piece of paper and we will send you the answers for you to self-mark your work next week.

#### Maths – Factors, Multiples and primes

Use the link below to learn about factors, multiples and primes.

Factors:

<https://www.youtube.com/watch?v=NwpLG9qlwls>

Multiples:

<https://www.youtube.com/watch?v=Eo6LrmJhLpk>

Prime

numbers:

<https://www.youtube.com/watch?v=4Nj1so-ZOJU>

Once you understand, you can **practice these skills using the task that has been set on Purple Mash**.

**Then complete revision guide pages 32–33.**

#### Keep Active Challenge!

All around the world people are finding different ways to keep active. Your challenge last week and this week is: How many keepie uppies can you do without dropping it? (You don't need a football for this you could do it with a crumpled up ball of tin foil/paper or a toilet roll). For some inspiration check out this video of sports stars using toilet roll for keepie uppies.

<https://www.theguardian.com/football/video/2020/mar/20/toilet-roll-keepie-uppies-sports-stars-coronavirus-lockdown-challenge-video>

#### Spelling, Punctuation and Grammar

Learn about conjunctions and relative pronouns using:

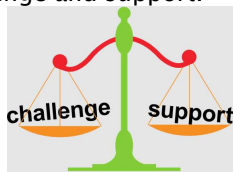
<https://www.bbc.co.uk/bitesize/topics/zwpp8mn/articles/zqk37p3>

<https://www.bbc.co.uk/bitesize/topics/zwpp8mn/articles/z9wvqhv>

<https://www.youtube.com/watch?v=nGNvzbM0LmM>

Then answer questions on p18–19 of your SPAG books.

**Jigsaw** Last week we thought about our mental health as a scale and said that to feel mentally healthy we must have a balance of challenge and support.



Draw a scale to represent your life at the moment listing 3–5 challenges you are faced with and 3–5 ways you are supported. One way we can feel supported is by having good relationships with others so that there are people we can talk to when we are faced with a challenge. **TASK:** Draw yourself a network hand of 5 people you could talk to if faced with a challenge during quarantine. Remember to include the ways that you can contact your teacher or someone else you usually talk to in school via email/twitter/blog.

### Project – Amazing Adapting Animals!

This week we would like you to complete your **eco-challenge** and project ready for **World Environment day on 5th June!** Your project is about animal adaptations. Watch the following video, read the notes and take the quiz to find out more about what adaptation means:

<https://www.bbc.co.uk/bitesize/topics/zvhhvcw/articles/zxq7y4j>

We would like you to spend some time looking at animals in zoos using some webcams. Each enclosure has been especially designed to suit the animal and its adaptations. The following website has links to many zoo webcams from zoos all over the world:

[https://www.holidaypirates.com/travel-magazine/13-zoos-that-offer-live-streams-see-giraffes-koalas-pandas-tigers-penguins-more\\_35765](https://www.holidaypirates.com/travel-magazine/13-zoos-that-offer-live-streams-see-giraffes-koalas-pandas-tigers-penguins-more_35765)

**For your project for the next two weeks, we would like you to:**

1) Research an animal – find out where it usually lives, what its habitat is like (is it cold/hot/dark etc), what adaptations it has to living in that environment, what environmental factors may cause it harm (e.g. pollution, litter).

Recommended websites for your research:

ZSL [www.zsl.org](http://www.zsl.org)

IUCN Red List [www.iucnredlist.org](http://www.iucnredlist.org)

Arhive [www.arkive.org](http://www.arkive.org)

BBC Nature [www.bbc.co.uk/nature/animals](http://www.bbc.co.uk/nature/animals)

2) Next, we would like you to imagine you owned a zoo. You need to design a zoo enclosure to support your chosen animal. Consider the following questions:

- Where will the animal sleep?
- Does the animal need trees to climb, or water to swim in or sand to burrow in?
- Does the animal need special food?
- Does the animal need to keep very warm, or very cold?

You could draw a picture of your enclosure or build a model of your enclosure. Make sure you use lots of labels to explain what everything is.



If you fancy going even further with this project,, then Whipsnade Zoo have the following challenge to design a whole zoo! See here:

[https://www.zsl.org/sites/default/files/media/2015-10/KS2%20-%20Design%20a%20zoo%20with%20a%20budget%202015\\_EDUCATION.pdf](https://www.zsl.org/sites/default/files/media/2015-10/KS2%20-%20Design%20a%20zoo%20with%20a%20budget%202015_EDUCATION.pdf)

**Remember to share a photo of what you have created via email, twitter or Purple Mash!**

### E-Safety Challenge

Do you think you could make a good film about E-safety? If so, then why not enter the Film competition – click this link to find out more <https://www.childnet.com/resources/film-competition/2020>.

Here is a link to help you with your research:

<https://www.childnet.com/young-people/primary/get-answers>

Why not check out this animation made for Internet Safety Day, titled 'Jessica's Wish': <https://vimeo.com/152415364>

### Purple Mash challenge!

Use purple mash to create a matching pairs game about something you have learnt in Year 6 (e.g. matching analogue and digital clocks; matching a spelling and the definition; matching a calculation and its answer; matching equivalent measurements (e.g. 1cm and 10mm). Once you click on the to do you will have the option of making your own or viewing some basic examples to give you an idea. I know yours will be much better than the examples and I can't wait to see them!

**Getting ready to start secondary school** Next year you will be going to secondary school and whilst it may be hard to prepare while at home you can use this website to learn more about what life is like at secondary school. <https://www.bbc.co.uk/bitesize/tags/zh4wy9q/starting-secondary-school/1>

### Keep connected:

We are really looking forward to keeping up to date with your learning. If you need support, want to say hellow or share your work please do so via our emails. Also keep in touch via the bog and share work or discuss the learning with us via email and twitter:

[sayyedamaryamgangji@lhaines.herts.sch.uk](mailto:sayyedamaryamgangji@lhaines.herts.sch.uk)

[bushrahaider@lhaines.herts.sch.uk](mailto:bushrahaider@lhaines.herts.sch.uk)

[carolinesimmons@lhaines.herts.sch.uk](mailto:carolinesimmons@lhaines.herts.sch.uk)

[rachaelmartin@lhaines.herts.sch.uk](mailto:rachaelmartin@lhaines.herts.sch.uk)

[shukcheung@lhaines.herts.sch.uk](mailto:shukcheung@lhaines.herts.sch.uk)

**Twitter:** @MrsJessa1 @haider\_miss

MsSimmons@Lhaines

### **Useful links:**

Below are a list of links that you can use to help keep yourself busy (should you find yourself with some spare time!)

**Please see these two NEW links for some fantastic resources!**

Online Learning provided by teachers who provide explanations for a range of subjects including English and Maths  
<https://www.thenational.academy/online-classroom>

Online Daily Learning for children in a range of subjects including Maths, English and Science –  
<https://www.bbc.co.uk/bitesize/levels/zbr9wmn>

### **Maths**

- IXL to practise and revise key topics–  
[https://uk.ixl.com/promo?partner=google&campaign=1187&adGroup=Key+Stage+2&gclid=CPPa8teS\\_8kCFQbnwgodgOIB6A](https://uk.ixl.com/promo?partner=google&campaign=1187&adGroup=Key+Stage+2&gclid=CPPa8teS_8kCFQbnwgodgOIB6A)
- Times Table Rock stars–  
<https://trockstars.com/>
- BBC bite size to revise/revisit different subjects such as maths topics–  
<https://www.bbc.co.uk/bitesize/levels/zbr9wmn>
- Maths games to help you consolidate your understanding of maths concepts–  
<https://www.sheppardsoftware.com/math.htm>
- Online maths worksheets for different types of maths topics–  
<https://www.math-drills.com/>
- Online maths quizzes –  
<https://www.educationquizzes.com/ks2/maths/>

### **Reading + English**

- Online website with lots of quizzes for different subjects including English and maths  
<https://www.educationquizzes.com/ks2/>
- Free e-book Library where you can read over 100 books –  
<https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/>
- Try a creative writing challenge –  
<https://home.oxfordowl.co.uk/blog/harriet-muncasters-creative-writing-challenge/>
- Stories to listen to online which you can review/–  
<https://worldbook.kitaboo.com/reader/worldbook/index.html?usertoken=Mjk5MzQ6MTpJUjA5MjAxNjoyOmNsaWVudDE2OTc6MTY5NzoyMjE2Mjg4OjE6MTU4NDM4MDEzMzA2Mjp1cw==>
- Reading Rocks Reviews listen to the reviews of different books before you have a read –  
<https://www.youtube.com/channel/UCDBwXRaWOGPaKd9Hogt5C-w>
- Free audio book from David Walliams–  
<https://www.worldofdavidwalliams.com/elevenses/>

### **SPaG**

- A website providing a range of grammar activities to improve SPaG–  
<http://www.crickweb.co.uk/ks2literacy.html>
- A website to practise spelling rules and lists –  
[https://www.spellzone.com/word\\_lists/index.cfm](https://www.spellzone.com/word_lists/index.cfm)
- Online grammar quizzes –  
<https://www.educationquizzes.com/ks2/english/>

### **PE**

- Jo Wicks PE channel – live 9am workout  
<https://www.youtube.com/channel/UCAxW1XT0iEJo0TYIRfn6rYQ>
- Online workout for children  
[https://www.youtube.com/watch?v=L\\_A\\_HjHZxfl](https://www.youtube.com/watch?v=L_A_HjHZxfl)

## Reading Answers

Please find the answers to the reading below. Remember, to self-mark your work and amend any that you got wrong. **If you require support or are unsure get in touch with your teachers via email who will be able to help you.**

These are the reading answers for Chapter 1 of 'Rumpelstiltskin' which can be accessed via Purple Mash.

Chapter 1: Online Multiple Choice (Marked automatically online)

### Comprehension Questions (Answers)

1. Who did Rumpelstiltskin live with?
  - a a couple of squirrels
  - b a pretty girl with long golden hair
  - c he lived alone**
  - d his mother and father
  - e his grandparents
2. Who was Rumpelstiltskin thinking of when he first gazed into the fire?
  - a his boy**
  - b a golden-haired girl
  - c his mother
  - d his girlfriend
  - e his father
3. What was the girl doing when Rumpelstiltskin first saw her?
  - a sitting at a spinning wheel**
  - b covering herself in straw to keep warm
  - c turning straw into gold
  - d talking to herself
  - e pacing up and down
4. *Her eyes then ran down towards my stubbly chin, before moving over to my long and heavy unkempt hair, scraggy and grey as it tumbled down my back.*  
What is *unkempt hair*?
  - a hair that is long
  - b hair that is thick
  - c hair that is shiny
  - d hair that is weighty
  - e hair that is uncombed**

5. When Rumplestiltskin watched the girl feeding blades of straw into the spinner, he felt...
- a full of pity.
  - b ashamed.
  - c annoyed.
  - d entertained.**
  - e hopeful.

## Chapter Sequencing (Answers)

Put these events in the order in which they happened in the story, numbering them from 1 to 5. The first one has been done for you.

Rumplestiltskin was roasting some squirrels on a spit.

1

Rumplestiltskin found himself in a locked room next to a weeping girl.

**4**

Rumplestiltskin saw a pretty girl sitting by a spinning wheel.

**3**

Rumplestiltskin watched the girl attempt to spin gold from straw.

**5**

Rumplestiltskin began thinking about his boy.

**2**

## Spelling, Punctuation and Grammar (Answers)

1. Choose the correct **spellings** to complete the sentences below.

Rumplestiltskin was an ugly-looking creature/**creature**.

Rumplestiltskin took **pleasure**/pleasure in watching the girl attempt to turn straw into gold.

The girl was trapped in a room with no furnisure/**furniture** except a wooden stool.

2. Which option completes the sentence in the **present perfect**?

The king \_\_\_\_\_ the girl to spin straw into gold.

Tick  
one.

has asked



had asked

asks

is asking



3. What is the **grammatical term** for the **underlined words** in the sentence below?

*She stared at my grey skin, pocked and cracked like clay baked in the sun.*

It is an expanded noun phrase.

4. Which sentence is written in **Standard English**?

Sentence	Tick one.
The girl were sitting by a spinning wheel.	<input type="checkbox"/>
The walls was made of stone and the big, iron-clad door looked heavy and most definitely locked.	<input type="checkbox"/>
My soft, leather-soled shoes were letting the cold of the stone cell seep into my legs.	<input checked="" type="checkbox"/>
The air were so cold that I could see my breath.	<input type="checkbox"/>

5. Rewrite the sentence below using **direct speech**.

Rumplestiltskin asked the girl why she was crying.

"Why are you crying?" asked Rumplestiltskin.

## Open-Ended Questions (Answers)

1. Look at the paragraph beginning: One day I...

Find and copy two similes that have been used to describe the girl's appearance.

**Hair long and gold and curled, running all the way down her back like ripples in the sand.**

**Her skin was as pale as the moon**

2. Look at the paragraph beginning: The girl was...

Find and copy two phrases that suggest the girl is a prisoner.

**she was weeping in a way that a young cat might**

**The walls were made of stone and the big, iron-clad door looked heavy and most definitely locked.**

3. "...You cannot know the trouble I am in. I have a father with a rash tongue and now I am locked in here until I can spin all of this straw into gold."

The girl said her father has a rash tongue. What does she mean by this?

**Her father is a person who speaks without thinking/he doesn't think through what he is going to say/he doesn't consider the consequences or impact of his words**

4. Rumplestiltskin had magic in his fingers and could easily have helped the girl. Why did he choose not to help the girl straight away?

**He wanted something in return for his magic, as in the text it says, 'but I waited, knowing that magic always comes at a price. What offer would be put on the table?'. This tells the reader that he wants to be paid for his magic.**

5. Do you think that Rumplestiltskin is a good-natured character?

Yes/No

Use evidence from this chapter to give a reason for your answer.

**The answer for this question is up to you. If you have said yes or no, you MUST use evidence from the text to justify your response. An example answer is provided to help you to understand how you may have structured your answer.**

**Rumplestiltskin is not a good-natured character as throughout the text he comes across as a unkind, greedy creature. This is because when in the text it says that 'I was more sickened at the sound, than moved by its sympathetic nature'. This tells us that when he hears the girl crying, he doesn't console her but thinks that it is odd and he feels peculiar. Secondly when he knows that the girl is struggling, instead of helping her for free he wants something in return for his magic, we know this because in the text it says, 'for this was a simple task for someone with magic in his fingers. But I waited, knowing that magic always comes at a price', which tells us he wants something in return for helping her and won't do it selflessly.**



## Spelling, Punctuation and grammar answers

Pages 16–17 Subject and Object and Subject-Verb Agreement		
1	baking/baking cakes	1
2	We couldn't stop staring at the excellent <u>dancers</u> . Also accept 'the excellent dancers' circled.	1
3	My dog buried the bone. ↑    ↑    ↑ S    V    O	1
4	watched ✓	1
5	<div style="display: flex; justify-content: space-between;"> <div>           The teacher handed out <b>the test papers</b>.            The busy birds were building <b>nests</b>.  <b>We</b> walked up to the top of the hill.  <b>Milo</b> likes riding his bike.         </div> <div style="text-align: center;">           Subject             ✓            ✓         </div> <div style="text-align: center;">           Object             ✓            ✓         </div> </div>	1
6	We ate soup and crusty bread for our lunch, ✓    I made a chocolate cake for Mum's birthday, ✓	1

## The Piano (Model Text for Writing)

Here is a model text – we have put the flashback parts in italics to make it really clear for you. You should also try to include:

- Good vocabulary/phrases (including similes, metaphors and personification)
- Triggers/cues for a flash back/flash forward
- Use dashes/brackets/commas to add extra information.
- Fronted adverbials/different ways to start sentences
- Colon to introduce a list

John sits at his piano – at 97 years old, he has been playing the piano for 90 years. In his time, he has played thousands of tunes, but this tune is the most important one. The mournful song reminds him of so much. His precious wedding band presses against the piano keys as his fingers play out the music. His face goes blank. Watching his hands move, and playing on and on, he can hear a second tune echo against his own and he lets his mind wonder...

*He found himself back with his wife Alice, playing happily together. They would spend hours playing classical music, jazz music – whatever suited their mood. Although she was very frail in her later years, she was still an excellent musician. John met her at a piano recital. Being a gentleman, he moved his coat so she could sit down. She smiled at him and she said thank you, very politely. After that, they started talking about anything and everything. Before she left that night, they agreed to meet up and were in love from that moment on. In her last few days, she wouldn't sleep unless John was playing the piano. She would tap her feet and clap her hands while he played Gershwin's Rhapsody in Blue. Then she would kiss him on the cheek and go upstairs. He would wish her sweet dreams. Oh what joy it gave him. He looks up vacantly, eyes now filled with tears, bringing himself back to reality.*

As he stares out of the window, he spies a glimpse of his own reflection: a sad, lonesome sole. The last of his generation left. His mind suddenly floods with memories of that dreadful day many winters ago...

*Brother by his side, hungry for some desperate glory, he had joined the army. They were both so young, so naïve. There were gunshots, blood, explosions: it wasn't the glorious war they had play-acted when they were children. Drunk with fatigue, they cursed their way through sludge, rubble and mud. Hiding behind a burnt out derelict building, he and Charlie sheltered from attacking fire. He signalled for Charlie to shoot. It was too late. Helplessly he held his brother, silently crying at his motionless body in a pool of midnight-red blood. Dead at 19.*

He feels a wretched pain, like a sharp knife. He jolts back to the room and the piano, a stream of guilt rippling through his body. Playing on, the piano music fills the room, lovingly and

sorrowfully. He gazes up, desperately reaching for a happier memory. As the key changes, his eyes drift towards the floor and an old wooden children's toy that lies there abandoned. His mind drifts back to himself as a boy.

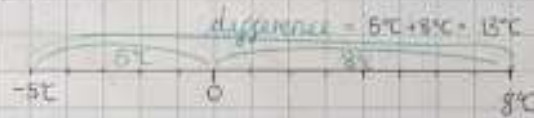
*It was his birthday although he wasn't expecting any presents. His parents were hardworking but never rich. They never relied on anybody and were proud to be self-sufficient. Yet on his 10th birthday, they handed him a huge blue box – bigger than anything he could ever have expected. They stood and smiled warmly while he carefully opened it up. It was wrapped in blue ribbon and it was covered in crisp, blue tissue paper. Inside the box was a beautiful wooden hobby horse. He was so excited. He used to go out and pretend to be a jockey or cowboy, running up and down, jumping fences and shooting bad guys. Shrieking with excitement.*

A shriek so real brings him back to the present. Around the piano, a small boy is running, shooting at the bad guys and jumping fences: his grandson is just as excited by the toy horse as John's 10-year-old self was. His grandson is learning to play the piano because John is teaching him. Although he is too small to reach the stool comfortably, he is an excellent climber! He smiles at his grandfather and he has his grandmother's smile. Pride wells up in John's heart: he wouldn't change a single thing about his life despite all the hardship and struggles. It made him what he is today. He realises that even though he may grow old and eventually leave this world, the piano, the song and Alice's smile will still live on.

## Maths answers

### Progress Test 1

①



Temperature difference = 13°C

② six million, four hundred and twenty three thousand, five hundred and six

M H Th T H Th H T O  
 answer 6 4 2 3 5 0 6

③

$$\begin{array}{r}
 £ 3.4.5.6 \\
 - £ 1.2.2.4 \\
 \hline
 £ 2.2.3.2
 \end{array}$$

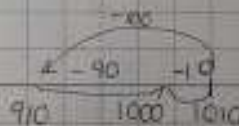
she has £2232 left

④



In 2012 years Brian was 21 years old.

⑤



or

$$\begin{array}{r}
 1010 \\
 - 100 \\
 \hline
 1000
 \end{array}$$

answer 910

⑥

a)

$$\begin{array}{r}
 112 \\
 £ 7.25 \\
 £ 8.99 \\
 + £ 12.48 \\
 \hline
 £ 28.72
 \end{array}$$

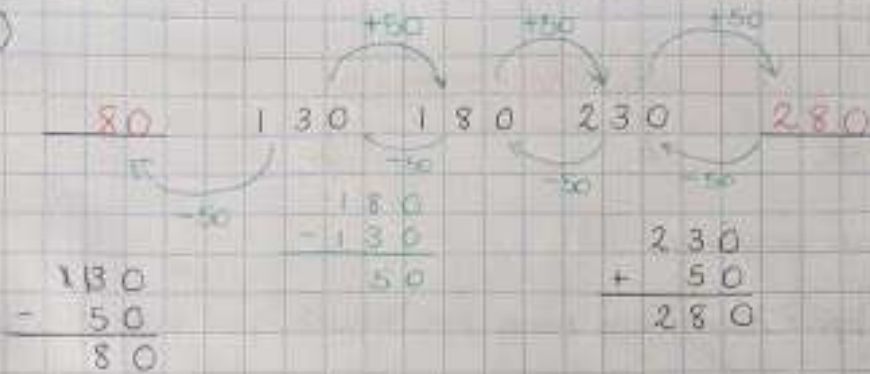
he spends £28.72

b)

$$\begin{array}{r}
 499 \\
 £ 510.00 \\
 - £ 28.72 \\
 \hline
 £ 481.28
 \end{array}$$

change £481.28

⑦



⑧

$$\begin{array}{r} 1999 \\ + 30 \\ \hline 2029 \end{array}$$

answer 2029

⑨

2531 has 25 hundreds

3251 has 25 tens

3525 has 25 ones = 2 tens and 5 ones or 52 tens

257 has 25 tens

⑩

$$\begin{array}{r} 479 \\ + 896 \\ \hline 1375 \end{array}$$

⑪

TH TH H T O

a) 3 2 4 5 6 2 thousand

b) TH H T O . t h

3 6 5 7 . 2 2 tenths

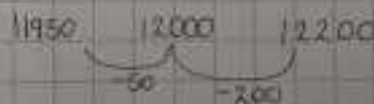
c) TH TH TH H T O . t h

2 4 5 7 6 7 2 hundred thousands

⑫

$$\begin{array}{r} 12200 \\ - 250 \\ \hline 11950 \end{array}$$

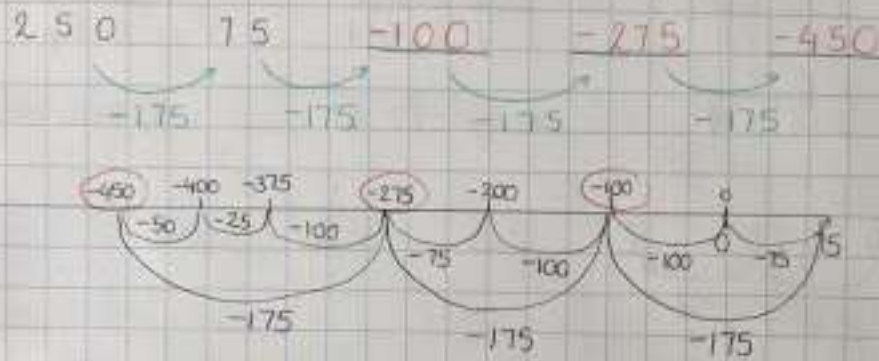
or



answer 11950



13



14

1	4	2	6	8	7	5	574 or 1176
	5	5	1	3	0	1	
			2	5	0		

$$\begin{array}{r} 1426 \\ - 875 \\ \hline 551 \end{array}$$

$$\begin{array}{r} 875 \\ - 301 \\ \hline 574 \end{array}$$

or

$$\begin{array}{r} 875 \\ + 301 \\ \hline 1176 \end{array}$$

15

70 - 1 = 49 + 20

0	50
1	49
2	48
3	47
4	46
5	45
6	44
7	43
8	42
9	41
10	40
11	39
12	38
13	37
14	36
15	35
16	34

and so on...

any 2 numbers which add to 50 would work.

16) a)

$$\begin{array}{r}
 \phantom{0}^2 \phantom{0}^1 \\
 £ 0.58 \\
 £ 0.63 \\
 £ 0.47 \\
 £ 0.71 \\
 \hline
 £ 2.39
 \end{array}$$

b)

$$\begin{array}{r}
 \phantom{0}^4 \phantom{0}^4 \\
 £ 5.10 \\
 - £ 2.39 \\
 \hline
 £ 2.61
 \end{array}$$

c)

$$\begin{array}{r}
 \phantom{0}^6 \\
 £ 11p \\
 - 63p \\
 \hline
 0.8p
 \end{array}$$

change = £2.61

8p more expensive

17)

$$\begin{array}{ccccccc}
 1 & 4 & & 8 & & & 2 \\
 & \searrow & & \searrow & & & \\
 & -6 & & -6 & & & 
 \end{array}$$

$$\begin{array}{r}
 -4 \\
 -10 \\
 -16
 \end{array}$$

$$\begin{array}{ccccccc}
 & & & & 0 & & 2 \\
 -16 & & -10 & & -4 & & \\
 \searrow & \searrow & \searrow & \searrow & \searrow & \searrow & \\
 -6 & -6 & -6 & -4 & -2 & & 
 \end{array}$$

18) 37609

Thirty seven thousand six hundred and nine

19) a)

$$\begin{array}{r}
 \phantom{0}^1 \phantom{0}^2 \phantom{0}^2 \\
 £ 24.67 \\
 £ 23.45 \\
 + £ 18.99 \\
 \hline
 £ 67.11
 \end{array}$$

b)

$$\begin{array}{r}
 \phantom{0}^0 \phantom{0}^9 \phantom{0}^9 \phantom{0}^9 \\
 £ 10.10.10 \\
 - 67.11 \\
 \hline
 £ 32.89
 \end{array}$$

She spent £67.11

£32.89 change

c)

$$\begin{array}{r}
 \phantom{0}^1 \phantom{0}^{13} \phantom{0}^{15} \\
 £ 24.87 \\
 - £ 18.99 \\
 \hline
 0.88
 \end{array}$$

£5.68 more

d)

$$\begin{array}{r}
 \phantom{0}^9 \phantom{0}^9 \phantom{0}^9 \\
 £ 5.10.10 \\
 - 7.56 \\
 \hline
 42.44
 \end{array}$$

she spent

$$\begin{array}{r}
 \phantom{0}^0 \phantom{0}^{11} \phantom{0}^{13} \\
 £ 4.84 \\
 - 2.345 - bracelet \\
 £ 18.99 - purse
 \end{array}$$

$$\begin{array}{r}
 \phantom{0}^3 \phantom{0}^{11} \phantom{0}^{13} \\
 £ 4.84 \\
 - £ 24.67 \\
 \hline
 17.77
 \end{array}$$

scarf  
- she wouldn't be able to buy the bracelet or purse if she bought the scarf

answer: she bought the bracelet and purse

20

599      59.9      5.90      59      559

H T O . t h  
 5 9 9 . 0 0  
 0 5 9 . 9 0  
 0 0 5 . 9 0  
 5 9 . 0 0  
 5 5 9 . 0 0

smallest

largest

5.90      59      59.9      559      599

21

$\xrightarrow{+50}$   
 125      175      225      275      325      375

$$\begin{array}{r} 225 \\ + 50 \\ \hline 275 \end{array}$$

$$\begin{array}{r} 275 \\ + 50 \\ \hline 325 \end{array}$$

$$\begin{array}{r} 325 \\ + 50 \\ \hline 375 \end{array}$$

22

$$\begin{array}{r} 11 \\ 999 \\ + 301 \\ \hline 1300 \end{array}$$

or

$999 + 1 = 1000$   
 $1000 + 300 = 1300$

answer 1300

23

a) 48 52

b) 72 28

c) 24 76

$$\begin{array}{r} 09 \\ 48 \\ - 48 \\ \hline 052 \end{array}$$

$$\begin{array}{r} 09 \\ 72 \\ - 72 \\ \hline 028 \end{array}$$

$$\begin{array}{r} 09 \\ 24 \\ - 24 \\ \hline 76 \end{array}$$

You can also work these out mentally.

24



$$\begin{array}{r} 0200 \\ 5 \overline{) 11000} \\ \underline{51000} \end{array}$$

25) 
$$\begin{array}{r} 98136 \\ - 852 \\ \hline 0984 \end{array}$$

26) 
$$\begin{array}{r} \text{Th M H T O L} \\ 462379 \end{array}$$

a) 46240.0

b) 46238

c) 46000

d) 46200

e) 50000

27) 
$$\begin{array}{r} 2365 \\ + 1857 \\ \hline 4222 \end{array}$$

28) 
$$\begin{array}{r} 5 \\ 2813.75 \\ - 1147.55 \\ \hline 1666.20 \end{array}$$



answer -7°C

30) 
$$\begin{array}{cccc} 150 & 200 & 120 & 220 \\ 32 + 89 & \xrightarrow{\text{round it}} & 30 + 90 = 120 & \end{array}$$