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Home Learning Pack Year 5

Week 2

27/04/2020

Classroom
secrets★

KIDS



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Monday – Square Numbers

1. Circle the correct statement below.

A. A square number is always an even number.

B. 69 is a square number.

C. $9^2 = 9 \times 9 = 81$

A

B

C

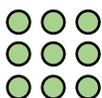
2. Use $<$, $>$ and $=$ symbols to compare the calculations below.

A. $3^2 + 4^2$ 30

B. $7^2 + 8^2$ 101

C. $5^2 - 2^2$ 21

3. Rachel and Nicky are discussing the numbers and arrays below.



55



36



Rachel

3 of these are square numbers.

All of these are square numbers.



Nicky

Who is correct? Prove it.

Monday – Recounts

Your task is to write a recount using all the correct features.

Your recount could be about:

- A school trip
- An accident
- Your first day at school
- A journey
- A holiday
- A birthday

Checklist:

• First person

• Chronological order

• Adverbs

• Past tense

• Descriptive words

• Paragraphs

Tuesday – Dividing by 10, 100 and 1,000

1. Match the starting numbers to the correct operation and answers. One has been done for you.

T Th	Th	H	T	O
	●●	●●●● ●●●		

÷ 10

27

27,000

÷ 1,000

T Th	Th	H	T	O
		●●		●●●● ●●●

20,700

÷ 10

270

T Th	Th	H	T	O
●●			●●●● ●●●	

÷ 100

2,007

2. Circle the calculation that is the odd one out.

A.

T Th	Th	H	T	O
●●●● ●●●	●●●● ●●●● ●●	●●●● ●●●● ●●● ●		

÷ 100

B.

5,870 ÷ 10

C.

56,700 ÷ 100

3. Annie has put a number into the three function machines below. She spilt some of her juice and some of the digits have been covered.



My number has five digits.



My number can be divided by 10, 100 and 1,000 evenly.



My number has a digit sum of 9.

What number could Annie have started with? Find three possibilities.

Tuesday – Using Noun Phrases

1. Insert appropriate adjectives from the word bank below to complete the sentences.

A. The _____, _____ hurricane tore through the town, taking all the buildings in its path with it.

B. Whilst my _____, _____ grandma was sleeping, I tried to help by putting all of her shopping away.

C. After being over half an hour late, the _____, _____ delivery man arrived with our dinner.

kind

circular

busy

disorganised

dark

caring

unexpected

tired

frail

devastating

2. Circle the pair(s) of adjectives that could replace the adjectives used in the sentence below, without changing the meaning.

The boat made its way through the rough, treacherous waves across the sea, wondering what awaited them at their destination.

restless, frantic

beautiful, tranquil

calm, peaceful

raging, troubled

3. Write a multi-clause sentence including a noun phrase to describe the picture.

You must include two adjectives and a preposition.



Wednesday – Multiply 4-Digits by 2-Digits

1. Solve the calculations.

A.

		7	1	4	1
x				1	6
<hr/>					
<hr/>					
<hr/>					

B.

		6	1	4	1
x				1	7
<hr/>					
<hr/>					
<hr/>					

Which calculation gives the larger answer?

2. Kaidi thinks the area of the wrapping paper is $51,936\text{cm}^2$.



Area:
 $1,036\text{cm} \times 51\text{cm}$

x					
<hr/>					
<hr/>					
<hr/>					

Is she correct?

3. Solve the calculations to identify the odd one out.

A.

		1	0	3	2
x				2	6
<hr/>					
<hr/>					
<hr/>					

B.

		2	1	1	1
x				2	1
<hr/>					
<hr/>					
<hr/>					

C.

		6	3	1	2
x				3	1
<hr/>					
<hr/>					
<hr/>					

Explain your answer.

Wednesday – Identifying Verbs in Sentences

1. Circle the correct verb tense to complete the sentences below.

A. The rain falling/fell from the sky as people ran/run for cover.

B. Pedro caught/catch the ball and racing/raced to the touch line.

C. The dog sleeps/slept as the fire roared/roaring.

2. Put and 'X' in the box next the sentences where only action verbs have been underlined.

A. The trees swayed as the strong wind blew.

B. Asha scored the winning point and hugged her team mates.

C. Toby knelt on the floor and fussed his dog.

3. Replace the verbs in the sentences below with an alternative to change the meaning of the sentence.

A. Liza sprinted out of the door and stumbled over the dog.

B. Hassan smashed the mirror and slammed the door on his way out.

closed

leapt

strolled

mended

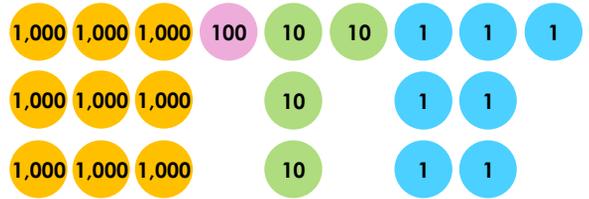
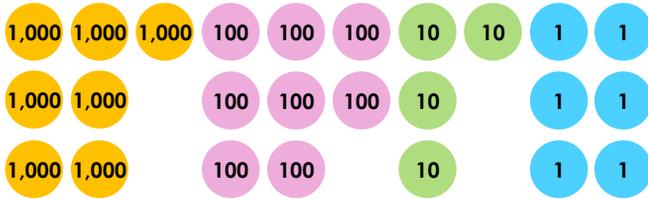
Thursday – Divide with Remainders

1. Use $>$, $<$ or $=$ to complete the statement below.

6	7	8	4	6		

□

7	9	1	4	7		



2. Complete the Carroll diagram.

	Remainder of or between 1 and 3	Remainder of or between 4 and 7
Answer below 1,000		
Answer above 1,000		

$2,345 \div 3$

$5,696 \div 7$

$6,609 \div 5$

$7,629 \div 6$

3. Find the missing digits.

	1	2	□	7	□	
6	□	□	4	7		

	1	2	□	1	r6	
8	9	□	1	□		

Friday – Adverts

You have been given the challenge of designing a brand new toy or app.

First you must create a diagram of your idea, a description of the product and how it works.

Then create an advert for your product. Remember to use noun phrases and verbs in your advert and make sure it is persuasive – you want people to buy it!

Extension ideas:

- Design a set of instructions on how to use your new product.
- Another company has stolen your idea! Write a letter to them telling and proving to them that it is your product and that they must stop using it immediately.
- Write a review for your product as a customer trialling the product for the first time. What do you like about it? What could be improved? What star rating would you give the product and why?

Additional Resources – Guided Reading

A Weekend in Pompeii

Read the text on the next page and answer the questions.

1. Why do you think the writer was ready for a holiday?

2. Where is Naples?

3. Why was she a little concerned about visiting Mount Vesuvius?

4. Write down three other words which mean the same as 'humungous'.

5. How long did the train journey take from Naples to Pompeii?

6. Was the writer able to see all of Pompeii?

7. How did the writer feel about walking to the summit of Mount Vesuvius?

8. What was the purpose of the post and rail fence?

9. What are the features you would expect to find in a diary extract?

Additional Resources – Guided Reading

A Weekend in Pompeii

(Friday 22nd May)

Dear Diary,

Yes! Half term has arrived at last, and I can finally relax and have some fun for a change! The last few weeks at school have been **horrendous**! Tests, tests and more tests! Oh, and did I say we had tests to do? One whole week to kick back and chill! Bliss!

Even better news is that we touched down in Naples (Italy) just a few hours ago. Mom and Pops have whisked us off for the weekend to visit Pompeii and Mount Vesuvius. A-maz-ing! We have recently been learning about volcanoes in geography, so it will be awesome to see a real live one, and I do mean 'live'! According to my teacher, Mr Strict (yes, that is his real name), Mount Vesuvius is an active volcano, which last erupted in 1944. He said that, in the past, it had followed a twenty year **eruption** pattern. Even my poor maths skills can calculate that it is long overdue an eruption! I'm beginning to think I should be a little bit concerned about that!

So, the plan for tomorrow is to visit the remains of Pompeii; not sure what to expect really, but I will update you tomorrow night when I get back to the hotel. Finally! Room service has arrived and my stomach is telling me that it's time to eat. A delicious pepperoni pizza and a **humungous** bowl of ice cream is calling me – well I am in Italy, it would be rude not to indulge just a little bit!

(Saturday 23rd May)

Dear Diary,

Wow it was hot today! We took a half hour train ride from Naples to Pompeii. The train stopped just outside the rather grand gates to the town, which was handy. Mom slapped lots of sun cream on me, shoved a hat on my head, forced a bottle of water into my hand and gave me instructions on what to do if we became separated. I'm sure she still thinks I am five! Armed with a map of the town, we walked excitedly through the gates.

My word, we needed that map! The town was a maze of streets, lined with houses, shops, taverns, restaurants, temples and **amphitheatres**. Pompeii must have been a **bustling** town, full of noise and activity. Pops was hilarious (if not a little bit embarrassing), he kept tripping over the stone blocks that helped us cross from one high pavement to the other. Mom said that, as well as helping the townspeople avoid the waste water running down the street, they were also used to slow the carriages down, who would have thought the Romans needed traffic calming measures?

Additional Resources – Guided Reading

A Weekend in Pompeii

Pompeii is so well **preserved**. Mr Strict told us that this was because the town had been buried in metres of ash and **pumice**, instead of being blasted away by the eruption, it had helped to preserve the site. I hadn't realised that **archaeologists** were still **excavating** the site; 20 **hectares** are yet to be explored! Maybe I should pop back in a few years time to see how they are getting on?

As for Mount Vesuvius, it was impossible to miss! It **dominates** the skyline. The people of Pompeii would have lived happily in its shadow for years, believing it to be **dormant**. As I stared up at the **awe-inspiring** sight I shuddered at the thought of how unprepared the people of Pompeii were on that fateful day in AD 79. A deafening boom had signalled the start of the eruption. Magma blasted out of the top, and the ground had shook the people of Pompeii off their feet. Rocks the size of tennis balls had rained down and the sun had been blocked out by the deadly ash cloud and smoke. At least 2000 people died that day. I don't really mind that Mom and Pops fuss over me. I know how incredibly lucky I am, because we are happy, healthy, and together.

We rounded the trip off with a rather scrummy bowl of pasta at a restaurant just outside the gates of Pompeii, before catching our train back to the hotel. My trousers are beginning to feel tight, I think Mom may have shrunk them in the wash!

(Sunday 24th May)

Dear Diary,

I have to confess that I had felt a little nervous about today's trip to Mount Vesuvius, especially after seeing, first hand, the **devastation** it had caused yesterday.

We caught a colourful looking 4x4 bus, which took us most of the way to the top. At times I thought we had mistakenly **boarded** a theme park ride, as it twisted and turned its way up the side of the volcano! However, I was more than a little **disconcerted** when the driver stopped at a car park, just short of the **summit**, and told us that we had to walk the rest of the way ourselves! He obviously didn't **appreciate** that, as an eleven year old child, I never, ever do any unnecessary walking!

Once again I was **unceremoniously** grabbed by Mom and forced to **endure** the sun cream, sun hat, bottled water routine, with the addition this time of a jumper! Only a mother would hand you a jumper in 32 degree heat!

We set off together for the short, but steep, walk to the summit. There was lots of loose gravel and rocks underfoot and I was glad I had decided to wear my trainers instead of sandals. The view was breath-taking. We could see the Bay of Naples, snaking round the coastline, and the sun seemed to dance and twinkle off the calm, blue water which stretched for as far as the eye could see.

Additional Resources – Guided Reading

A Weekend in Pompeii

Once we had got our breath back, we made a last push for the top. A wooden post and rail fence stopped sightseers from **venturing** too close to the edge, however it was possible to appreciate the size of the crater. I do admit to feeling a little bit disappointed though when I peered into the crater; smoke, fire and magma had now been replaced by rocks, soil and plants! It was also remarkably cold at the summit – that jumper, which I had **begrudgingly** tied around my waist, was suddenly very useful at this high altitude. Moms can be very clever sometimes!

Well, that's it diary! We fly back to London tomorrow, but I will take some wonderful memories back with me. The hotel has been great, the sights have been **inspirational** and the food, well, the food has been to die for! Talking of which – room service has arrived! I will catch up with you tomorrow!