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Home Learning Pack Year 5

Week 9
22/06/2020

Classroom
secrets★

KIDS



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Monday – Subtracting – Same Decimal Places

1. Place an 'X' in the box next to the calculations where the answers are correct and put the correct answer in the box next to those that are incorrect.

A. $3.72 - 1.27 = 2.55$

B. $79.3 - 15.9 = 63.4$

C. $7.1 - 6.2 = 1.9$

D. $12.82 - 8.22 = 4.6$

2. Use the digit cards to complete the missing numbers in these calculations. Each card can only be used once.

A.

$$\begin{array}{r}
 6 . \square \square \\
 - 1 . 0 9 \\
 \hline
 \square . 3 2
 \end{array}$$

B.

$$\begin{array}{r}
 3 . \square 4 \\
 - 3 . 0 \square \\
 \hline
 \square . 8 8
 \end{array}$$

0

1

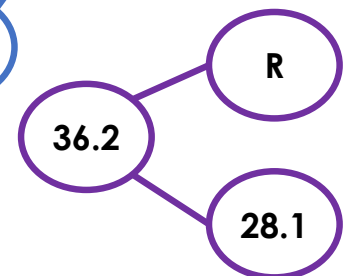
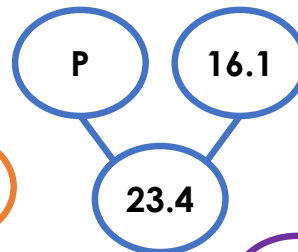
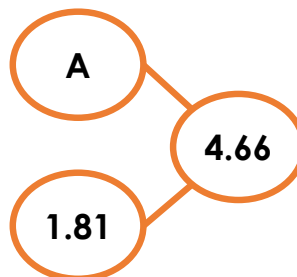
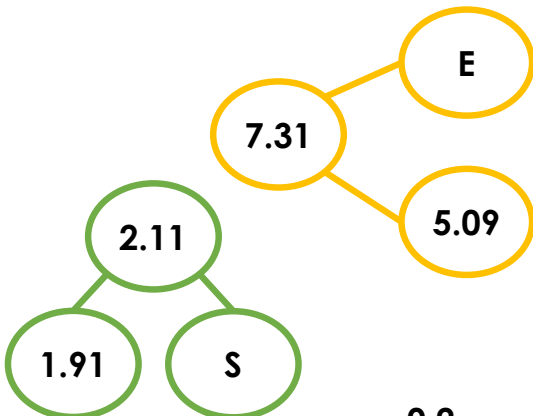
4

5

6

9

3. Calculate the missing number on the models to crack the code and find the word.



0.2 7.3 2.22 2.85 8.1

Monday – Using Colons

1. Where should the colon be placed? Put an 'X' in the correct box.

Before I go on the school trip I still need to pack many items a waterproof
coat, strong walking shoes, plenty of thick socks and my favourite stripy
toothpaste.

2. Re-write the sentence below inserting the missing colon and commas to make it correct.

During my holidays, I'm hoping to visit many places in Cornwall St Ives
Truro Penzance and Padstow.

3. Tabitha thinks that the writing below will need to include 1 colon and 4 commas.

To make the mixture you need four ingredients six eggs 250 ml milk
150g sugar two cups of flour and ten squares of chocolate.

Is she correct? Prove it.

Tuesday – Subtracting – Different Decimal Places

1. Fill in the missing digits to make the calculations correct.

A.

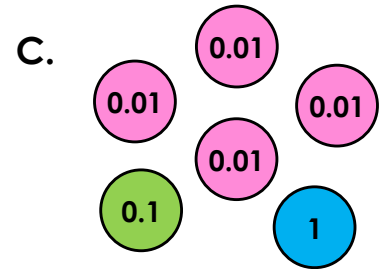
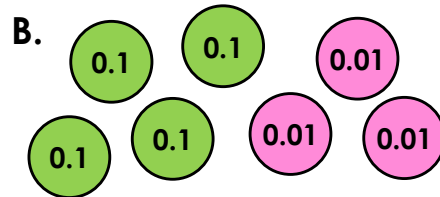
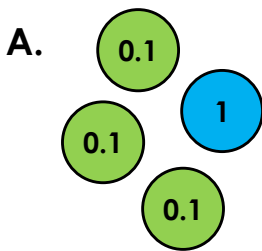
		.	3	3	
-	6	.	1	2	
2	.		0	2	

B.

	9	.	2	1	
-		.	3		
5	.	9	0	6	

2. Circle the group of counters that represents the answer to the question below.

$4.03 - 3.6 =$



3. Solve the word problems below.

A. A scientist measured the temperature of two liquids as 4.163°C and 2.5°C . What is the difference between the temperatures?

B. A small dog weighed 4.25kg . After a week, the same dog weighed 4.117kg . How much weight had the dog lost?

C. Kit ran 4.8km . Harris ran 5.54km . How much further does Harris run?

Tuesday – Using Commas in Lists, Adverbials and Clauses

1. Underline where a comma has been used in a list.
Circle where a comma has been used to separate a clause.

A. Alfie loved chips, pizza and spaghetti.

B. Although it was raining heavily, Alfie still wanted to play outside.

2. True or false? The comma has been used after an adverbial.

During the night, the thunder clapped ferociously as the lightning flashed.

3. Put an 'X' in the box that shows the correct use of the comma in the sentence below.

Prior to their arrival, Pippa quickly tidied her bedroom.

List	<input type="checkbox"/>
Adverbial	<input type="checkbox"/>
Clause	<input type="checkbox"/>

4. Re-write the sentences below, correctly inserting the missing commas.

A. My house which has a red door is next to the park.

B. She really likes running reading and painting.

5. Write a sentence that uses commas in a list.

Use the word bank to help you.

girl	ball	bat
playing	cricket	gloves

6. Which sentence below uses commas correctly?

A. Behind, the tree the figure crouched down so as not to be seen.

B. Behind the tree, the figure crouched down so as not to be seen.

Explain your answer.

7. Lucy thinks she has used commas correctly to separate clauses.

The theatre production of 'Annie' had been asked to perform on two extra nights. Even though, the cast were tired they were excited too.

Is she correct? Explain your answer.

Wednesday – Multiply by 10, 100 and 1,000

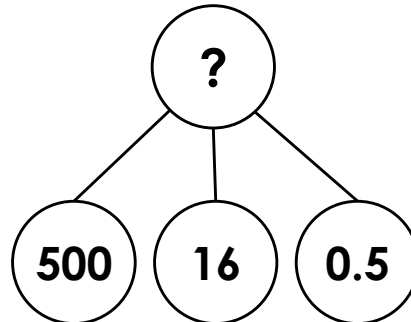
1. Match the calculations to the correct representation to find the odd one out.

A. 51.65×10

B. 516.5×100

C. $5.165 \times 1,000$

TTh	Th	H	T	O	t	h	th
	●● ●● ●	●	●● ●● ●● ●●	●● ●● ●● ●●	● ●		



2. Put an 'X' in the box to show whether the calculations below are true or false. Correct any false statements.

	True	False	
A. $345 \times 10 = 3,450$	<input type="checkbox"/>	<input type="checkbox"/>	
B. $65.03 \times 1,000 = 6,503$	<input type="checkbox"/>	<input type="checkbox"/>	
C. $493.05 \times 100 = 4,930.5$	<input type="checkbox"/>	<input type="checkbox"/>	
D. $5.025 \times 1,000 = 5,025$	<input type="checkbox"/>	<input type="checkbox"/>	

3. Steph has represented the answer to the calculation below on the place value chart.

4.35×100

TTh	Th	H	T	O	t	h	th
	●● ●●	●● ●	●● ●● ●● ●	● ●	●		

Is she correct?
Explain how you know.

Wednesday – Creative Writing Challenge

If I Were Elected Prime Minister...

What would you do if you were elected Prime Minister?

Identify three policies you would like to introduce and explain why. Your explanation must be a complete sentence(s) and use a conjunction from the word bank provided.

Policy 1:

Explanation:

Policy 2:

Explanation:

Policy 3:

Explanation:

Conjunction word bank:

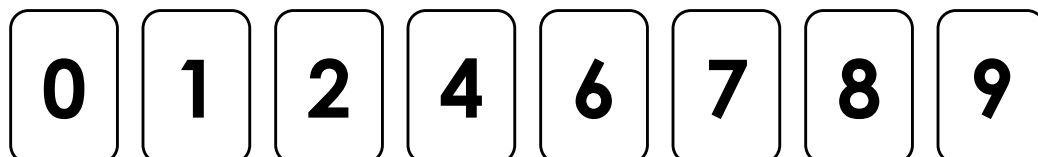
- so
- because
- therefore
- due to
- consequently
- as a result
- for that reason
- hence

Thursday – Divide by 10, 100 and 1,000

1. Connor is using his knowledge of division to teach his younger brother about dividing 1 or 2 digit numbers by 10, 100 and 1,000.

The original numbers he starts with are between 5 and 90. Two of them are multiples of ten and they all have different tens digits.

Using the digit cards below, explore eight different ways Connor could have filled in the table to teach his brother. You can only use a digit card once per number.



Original Number	$\div 10$	$\div 100$	$\div 1,000$

Thursday – Recognising Commas to Avoid Ambiguity

1. Put an 'X' in the boxes to show the things that Michelle likes.

A world-renowned author, Michelle, likes cooking, giraffes, reading and mountain climbing.

Cooking

Giraffes

Cooking giraffes

2. True or false? According to this sentence, my brother is called Harry.

In answer to your question, I love my brother, Harry Totter and playing football on Thursdays.

3. Put a comma in one box to change the meaning of this sentence.

After they left Sam, Lee and Theo
 ↑ ↑ ↑

went to the park.

4. Circle the comma that could be removed to change the meaning of the sentence.

Today, after lunch, are we going to draw, Miss Smith?

5. Explain how the commas change the meaning of the sentences below.

A. If we go to the cinema then, Alice and Billy can come along too.

B. If we go to the cinema, then Alice and Billy can come along too.

6. Look at the sentence below.

Yasmin likes cycling, baking cakes and music.

Put an 'X' next to the true statement.

A. Yasmin likes eating cakes.

B. Yasmin likes baking cakes.

Add a comma to the sentence so the other statement is true.

Additional Resources – Reading Comprehension

Rainforest Diary

Read the text on the following pages then answer the questions below.

1. Why was the diarist ready to go to bed. Give two reasons.

2. Look at the first paragraph. Find and copy the word which tells you the journey was boring.

3. Dad calls Manaus, 'the gateway to the Amazon rainforest'. What does this suggest about Manaus?

4. Look at the diary entry for *Tuesday 2nd August*. Find and copy the phrase which tells you that the Amazon can sometimes be an unsafe place.

5. Why is the diarist worried about the boat sinking? Give two reasons.

6. Write two facts and two opinions from the diary.

7. Which modes of transport did the diarist use on the journey?

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8. Look at the diary entry for *Wednesday 3rd August*. Find and copy three words that tell you the diarist is amazed by the rainforest.

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9. What does the phrase, 'pretty tough terrain' suggest?

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10. What does the phrase 'unlock the secrets of this magical place' suggest about what the diarist's father wants to do whilst in the rainforest?

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11. Number the events below to show the order they happened.

They reached the village of Alter de Chao.	
They arrived in the city of Manaus.	
They trekked to the village where the Wajapi tribe live.	
The diarist went on an 8,266km journey.	
They travelled down the Rio Tapajos.	

Additional Resources – Reading Comprehension

Rainforest Diary

Monday 1st August

(temperature 27°C; humidity 55%; precipitation 0mm)

Well – that was a long journey! 8,266km to be precise! The flight from London to Manaus (Brazil) took 17 long, dreary hours. We arrived at the hotel about an hour ago and Dad has allowed me to do this quick update before bed. I'm pretty exhausted after all that travelling and it is very hot here, so I'm more than ready to go to sleep now. I wish I had more energy though, as Manaus looks like a pretty cool city to explore. Dad calls it 'the gateway to the Amazon rainforest' as it's the perfect place to begin our expedition. He is hoping to organise some transport tomorrow to take us into the heart of the rainforest. At 10 years old, dad was worried that I might be too young for a journey like this, so I'm really glad he changed his mind and let me tag along. I hope I don't get in his way too much.

Tuesday 2nd August

(temperature 29°C; humidity 70%; precipitation 0mm)

We began the day sailing by ferry along the magnificent Rio Tapajós (a major tributary of the Amazon). The frequent wails of the howler monkeys was a constant reminder of how wild and potentially dangerous this place can be. We also spotted plenty of caiman (a member of the alligator family) sunning themselves on the banks of the river. I prayed that our boat wouldn't sink! Many, many kilometres later, we disembarked at the small town of Alter do Chão. This was where Dad had arranged to meet our guide, called Matheus. We spent a few hours collecting the supplies we needed for our journey before jumping into a muddy but sturdy looking off-roader to be driven deeper into the rainforest.

Sadly, the lovely air-conditioned 4x4 has taken us as far as it can; the last leg of our journey needs to be done on foot. We have set up camp for the night and Dad is attempting to heat up some delicious black bean and sausage stew on the campfire. Currently, I'm lying unsteadily in a hammock, attempting to write this entry. The hammock will hopefully help me avoid the many snakes, spiders and insects that wander around the forest floor at night. I don't think I'm going to get much sleep tonight!

Wednesday 3rd August

(temperature 29°C; humidity 82%; precipitation 10mm)

Today has been tough! The humidity has been unbearable and we've been hit by two torrential rainstorms. Despite this, we've managed to walk over 15km through some pretty tough terrain. The heat and humidity have sapped my energy though; I'm tired, grubby and very sweaty. Nevertheless, the rainforest is a truly magnificent place. The trees are beautiful and absolutely massive. They have smooth, straight trunks that shoot up for 100 feet or more, before branching out to create a thick canopy, high above the forest floor. Light levels in the forest can be very low at times, due to the thickness of the canopy. Matheus told me that in the places where the canopy is really thick, it can take ten minutes for the rain to reach the ground. However, it's thanks to these conditions that so many species thrive here. Apparently, there are over 2.5 million types of insect living here – incredible but I think I've been bitten by half of them!

Additional Resources – Reading Comprehension

Rainforest Diary

I have no idea how Matheus did it but he managed to deliver us safely to our intended destination: the village of the Wajapi tribe. It was late when we arrived so we have been shown to a hut where we are to stay for the night. I can't wait to explore the village in the morning and Dad is so excited about finally being able to unlock some of the secrets of this magical place.