Home Learning Pack

Year 6

Week 5
18/05/2020

Classroom secrets★ KIDS

Monday – Multiply by 10, 100 and 1,000

1. Mark with an 'X' to show whether the calculations are true or false.

	T	F
A. $4.57 \times 1,000 = 4,570$	☐	☐
B. $2.4 \times 100 = 2,400$	☐	☐
C. $3.05 \times 1,000 = 3,500$	☐	☐
D. $0.05 \times 20 = 1$	☐	☐

2. Solve the calculations to complete the statements using <, > or =.

A. 5.23×100 ☐ 64.5×10

B. $0.756 \times 1,000$ ☐ 75.6×10

C. 13×100 ☐ 7.2×20

3. Steph and Sean are multiplying by 10, 100 and 1,000. Is she correct?

Steph's calculation: 3.2×40

Sean's Calculation: $0.032 \times 1,000$

Even though Sean is multiplying his number by 1,000, my answer will still be greater than his.

Steph

Prove it.

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Monday – Divide by 10, 100 and 1,000

1. Follow the instructions on each function machine to complete the calculations.

Input	Machine	Output
23	÷ 10	
407		
		0.164

Input	Machine	Output
403	÷ 1,000	
		1.076
45		

Input	Machine	Output
	÷ 100	78.53
169		
57		

2. Circle the incorrect calculation or conversion in each row and write the correction in the box.

Corrections

A. $7,304 \div 100 = 73.04$ $945 \div 1,000 = 9.45$ $3,608 \div 10 = 360.8$

B. $2.03 \div 10 = 0.23$ $634 \div 100 = 6.34$ $234 \div 1,000 = 0.234$

C. $4,006 \div 1,000 = 4.006$ $543 \div 10 = 54.3$ $450 \div 100 = 4.05$

3. Using the cards below and a starting number of your own, record 3 different ways of making 1.065.

÷	10	100	1,000

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Monday – Using Similes, Metaphors and Hyperbole

1. Put an 's' next to the sentences using a simile, an 'm' next to those using a metaphor and a 'h' next to those using hyperbole.

A. I'm so relieved that today is over because it's been the worst day of my life.

B. The bedsheets billowed out like the sails on a ship as they dried on the washing line.

C. My arms were about to drop off because my shopping bags weighed a ton.

D. Completely exhausted, Jess flopped into bed after being a busy bee all day.

2. Include the following similes, metaphors and hyperbole in a sentence of your own.

A. he had a heart of stone (metaphor)

_____

B. he was as old as the hills (simile)

_____

C. she has the heart of a lion (metaphor)

_____

D. the greatest thing in the history of the universe (hyperbole)

_____

3. Rewrite the sentences below changing the similes to metaphors OR the metaphors to similes.

A. Her eyes were like sparkling diamonds that twinkled and shone.

_____

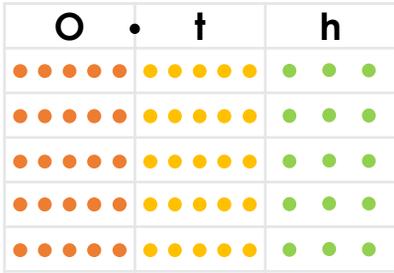B. The lake was a mirror, reflecting the landscape around it.

_____

C. He wasn't to be trusted, for he was as cunning as a fox.

_____

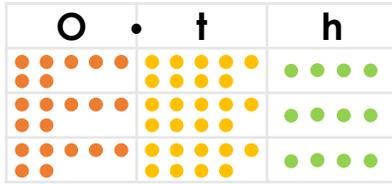D. The mountain was a terrifying giant, towering over the village below.

_____

Tuesday – Multiply Decimals by Integers

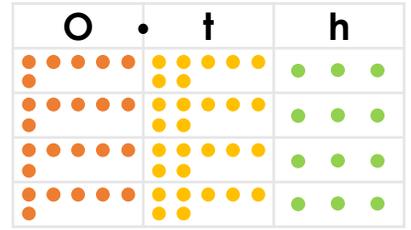**1. Match the calculations to the correct answers below.**

A. 5.53 x 5

O	•	t	h

B. 7.94 x 3

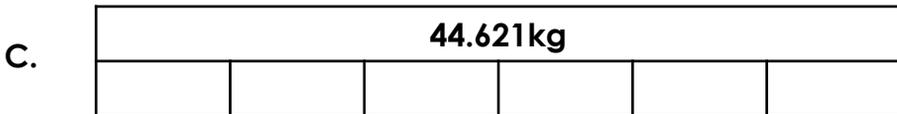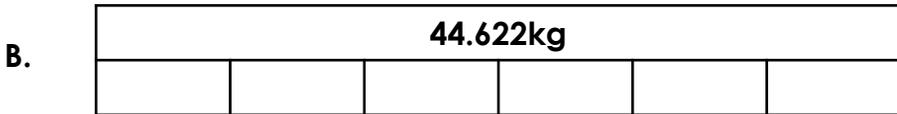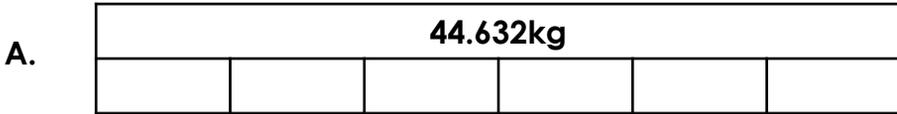| O	•	t	h

C. 6.73 x 4

O	•	t	h

1. 26.92   2. 27.65   3. 23.82

2. A bag of sand weighs 7.437kg. How much would 6 bags of sand weigh? Circle the correct bar model below.

A.

44.632kg					

B.

44.622kg					

C.

44.621kg					

3. Charles has received 3 different deliveries. He wants to calculate the total weight of each delivery. He says,

From heaviest to lightest, the order of the deliveries should be 3, 1 and then 2.

Delivery 1   Delivery 2   Delivery 3

13.27kg x 6   12.836kg x 5   9.196kg x 7

Is Charles correct? Explain how you know.

Tuesday – Using Punctuation to Mark Boundaries

1. Put an 'x' in the box to mark the sentence that has used a colon or a semi-colon correctly.

A. I went to my local supermarket today and bought a huge amount of fruit; there were special offers on apples, pears and grapes. ☐

B. Life is like a very complicated puzzle half the fun: is in trying to work it all out. ☐

2. Fill in each box with a colon or semi-colon to complete the sentence.

I need to take the following things ☐ a long, warm coat ☐ a large, waterproof rucksack ☐ and a torch.

3. True or false? A semi-colon should be inserted into the box below.

My friend gave me the thing I needed most ☐ companionship and quiet, which made me feel so much better.

4. Draw a line to match each sentence to its missing punctuation.

A. I enjoy all subjects French, Spanish, English and maths.

;

B. The door swung open young Mrs Hussain strode in purposefully.

:

5. Stefan has written a sentence using a semi-colon.

After a hard day at school, he could only think of one thing; chocolate!

Has he used the correct punctuation? Explain how you know.

6. Create a sentence that uses a colon or a semi-colon and has up to three clauses. Use the word bank to help you.

football	final
sprinted	spectators
wildly	triumphant

7. Rewrite the sentences below using the correct punctuation to join the clauses together.

Even though it was midnight, they could see the outline of the ruined house. They were going to have to move quickly if they were to get there on time.

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Wednesday – Divide Decimals by Integers

James is trying to solve a puzzle in an escape room.

He has found several keys with different division calculations on each one.

He says,

I have worked out that I will need a combination of 3 different keys. When the sum of all 3 calculations are added together, a number with 2 decimal places between 40 and 50 will allow me to escape.

Key 1	Key 2	Key 3	Key 4	Key 5	Key 6
$56.6 \div 5$	$25.2 \div 4$	$84.63 \div 3$	$62.9 \div 5$	$45.32 \div 2$	$82.56 \div 8$

What could this number be? Investigate which combination of keys James could use in order to solve the puzzle. Explore different possible solutions.

Key 1

Key 2

Key 3

Key 4

Key 5

Key 6

+

+

+

Combination of Keys

Combination of Keys

Combination of Keys

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Wednesday – Planning a Letter

Plan a letter saying thank you to a healthcare hero.

- Investigate the main features and structure of a letter and list them below.

- List 3 reasons why you are thanking this person. Include examples of how they have helped you or others.

- List useful phrases, conjunctions or sentence starters that you would like to include in your letter.

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Thursday – Decimals as Fractions

1. Circle the statements that are correct.

A.   0.28   = $\frac{7}{25}$

B.   0.06   = $\frac{6}{10}$

C.   0.45   = $\frac{9}{20}$

D.   0.37   = $\frac{37}{100}$

2. Convert the decimals to find the fractions that, when written in their simplest form, have a prime number as their numerator.

A. | 0.32 |

B. | 0.05 |

C. | 0.75 |

D. | 0.55 |

3. Devin and Rhian are discussing converting decimals into fractions.

| 0.15 |

0.15 as a fraction is $\frac{15}{100}$.

0.15 as a fraction is $\frac{3}{20}$.

Devin

Rhian

Who is correct? Explain your reasoning.

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Thursday – Writing a Letter

Use the plan you created yesterday to write a letter of thanks to a healthcare hero.

Once written, use the checklist below to help edit and redraft your work.

Have you included the following features?

• Your address and date ☐	• A greeting e.g. Dear Sir ☐	• Why you are writing ☐
• Paragraphs for each point made ☐	• A formal or informal tone ☐	• A wide range of conjunctions ☐
• A wide range of punctuation ☐	• A concluding paragraph ☐	• An appropriate sign off ☐

Additional Resources – Reading Comprehension
Healthy Eating Workshop

Read the text on pages 13 and 14, then answer the questions below.

1. What type of text is this? What is its purpose?

2. What features would you expect to find in this text type?

3. Why has the author used lots of questions at the beginning?

4. Identify some examples of exaggerated language.

5. Identify an example of flattering the reader.

6. What does the word 'nourish' mean?

7. Identify TWO examples of alliteration.

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8. What is the intended purpose of the brackets?

9. What type of word is 'delightfully'?

10. What is the word 'loveliness' referring to in the context of this text?

11. What does the prefix 'anti-' mean? Think of TWO more words that include this prefix.

12. Why has the author stated that 'limited spaces are available'?

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How nutritious are the meals you're eating?
Do you know how to maintain a healthy and balanced diet?
Are you interested in learning more about the food you eat?
Then it's time to head to our new and exciting workshop!

Join us at our

Healthy Eating Workshop

and the best part is – it's FREE!

Join the inspirational staff and children of
St. Chads Primary School, on Friday 23rd June, at 5pm.
Prepare to be food-wise and body-wise!

❖ **Our workshop is designed to teach you about the food your body actually needs. If you're feeling sluggish after eating, why continue filling up on sugar-laden food with no nutritional value when you can fill up on the good stuff instead?**

❖ **We'll teach you all about the essential nutrients your body craves. We'll also demonstrate how to plan and prepare a whole week of healthy and hearty delights!**

❖ **Think of your body as a gleaming, flame-red Ferrari; only the right type of fuel will result in a top-notch performance. When you nourish your body with wholesome, appetising food, it provides you with the energy to grow, play and keep illness at bay. Only the best will do for your body!**

❖ **Ever tried an avocado, apricot or almond? Participate in our fun, blindfolded taste test and you might just discover a delightfully delicious new food.**

❖ **Test your knowledge of food groups (if you dare) and see if you can correctly guess how much of the different food types you should eat, in our fabulous food fact challenge.**

❖ **Do you eat five portions of fruit and veg a day? If not, then discover our taste-tingling tips on how to squeeze some extra portions of loveliness into your daily diet.**

- ❖ **Did you know that honey contains incredible natural healing qualities and just a smidgen of it can be used to sweeten your food? It can also double as a soothing, homemade moisturiser to quench your neglected, dehydrated skin.**

- ❖ **Did you also know that garlic has antibacterial, antifungal, antiviral and antiseptic properties? Now you can amaze your auntie with these awesome facts!**

- ❖ **Prepare to be flabbergasted by these and many, many more fantastic food facts!**

**Obesity levels are rising – fact! Don't be a negative statistic.
Fad diets belong in the dark ages! With our help, you can soon be making informed food choices instead.**

Don't eat less – just eat right!

Limited spaces are available, so register your interest now by phoning: 01766 933487