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Home Learning Pack Year 6

Week 8

15/06/2020

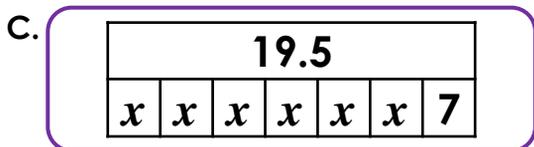
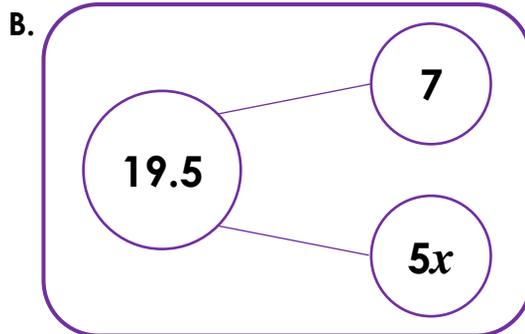
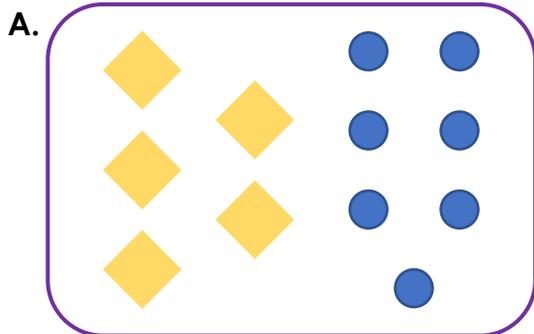
Classroom
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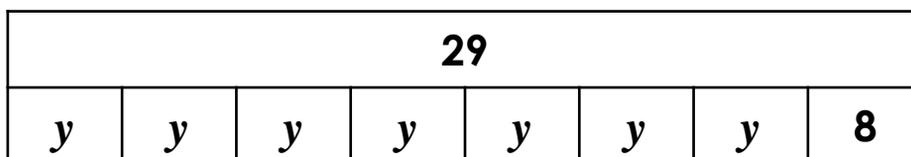
Monday – Two-Step Equations

1. Circle the odd one out.



D. $5x + 7 = 19.5$

2. Circle the equations that do not match the bar model below.



A. $6y + 8 = 29$

B. $8 + 7y = 29$

C. $7y + 4 + 3 = 29$

D. $7y + 8 = 29$

3. Alistair is thinking of a number. Use the clues below to identify his equation and the value of a .



Alistair

I am thinking of a number (a).
When I multiply my number by 5 and add 7, it gives me a number with 1 decimal place that is less than 30.

Find 3 possible values of a and write the equations.

Monday – Identifying Verbs in Sentences

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

A. Tasha and Sasha was/were tired after spent/spending the afternoon cleaning/cleaned the messy bedroom that they shared.

B. Running/Ran quickly to catch/caught the last bus home, Tom waving/waved at the driver to attract his attention.

C. She'd being/been poorly all week, so she had to worked/work extra hard to complete/completed the activities she'd missed whilst off school.

2. Place an 'x' in the boxes of the sentences which include a linking and an action verb.

A. The sky was grey and threatening, yet a beam of sunlight broke bravely through the clouds to cheer the people below.

B. Charlie, late for school as usual, rushed out of the door and along the busy road to school.

C. John remained calm as he blocked the path of the man who was walking speedily away from the shop with a bag full of stolen jewels.

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

A. Lisa and Kelly are the best of friends, which is why they love spending time together.

B. We were happy about the changes made to our timetable as we really enjoyed spending Friday afternoon completing tests.

Tuesday – Find Pairs of Values 1

1. List all the possible positive whole-number values which could be used to satisfy this equation to check if Thomasz is correct.

$$c + d = 15$$



Thomasz

There are 10 possible pairs for c and d .

2. Using only the numbers on the number cards, complete the value of each letter.

9

4

3

5

54

2

$$a + b = 13$$

$$b \times c = 20$$

$$d - e = 52$$

$$a = \square \quad b = \square \quad c = \square \quad d = \square \quad e = \square$$

3. Find 5 values for p and q to satisfy the statements below.

p and q are positive whole numbers.

p is a square number.

q is a 2-digit number less than 13.

$$pq < 100$$

Tuesday – Find Pairs of Values 2

1. Draw lines to match the pairs of values to the equations to make them correct.

$$2b + 6 = a$$

$$6b - 4 = a$$

$$3a + 5 = b$$

$$a = 11 \text{ and } b = 38$$

$$a = 66 \text{ and } b = 30$$

$$a = 68 \text{ and } b = 12$$

2. Fill in the blanks below to find pairs of values which satisfy the equation.

$$3b \div 5 = a$$

$$a = \square \quad b = \square$$

3. James has found pairs of values for a and b to make the following statement true.

a	b
2	10
9	4
6	5
11	12
16	20

$$2a + b < 4b - a$$

James has made some errors. Identify and explain his errors.

Tuesday – Recognising the Passive Verb

1. True or false? The passive sentences below have been correctly labelled.

A. The heavy wooden door was opened slowly by the curious children.

↑
object

B. Our brand new sofa was destroyed by our very naughty dog.

↑
object

C. The old, dilapidated house was destroyed.

↑
passive verb

2. Underline the passive sentence in the passages below.

A. Yesterday, a criminal broke into an expensive looking house. The owner had been quick to phone the police. The robbery was now being investigated by the local police.

B. We had won the lottery! That wonderful machine had selected our lucky numbers. A big cheque was presented to us by a celebrity. We have decided to buy a big house and a fast car.

3. Rearrange the words below to create a sentence written in the passive form.

flowers

woman

had

colourful

by

picked

the

been

the

old

Wednesday – Convert Metric Measures

1. Circle the incorrect conversions.

A. 160cm = 16m

E. 562g = 0.56kg

B. 50.5m = 5,005cm

F. 500m = 5km

C. 2,103g = 2.103kg

G. 75ml = 7.5L

D. 1L = 100ml

H. 5L = 5,000ml

2. Draw lines to match the units of length to the correct conversions.

710cm

7m

700cm

0.5m

500mm

71m

7,100cm

5.02m

502cm

7.1m

3. Aelin and Rowan are converting 3.657L into millilitres.



Aelin

The answer is
3,657ml.



Rowan

The answer is
365.7ml.

Who is correct? Explain why.

Wednesday – Recognising Formal and Informal Writing

1. Who do you think the extract below was written for? Circle the intended audience.

I regret to inform you that I must resign my position as Head Girl with immediate effect. I acknowledge that my recent behaviour has caused much controversy and is unacceptable for a person in my position. I feel a more suitable individual should be selected to represent our students.

school friend

grandparent

headteacher

police

2. List the differences between the two extracts below. Think about the genre, audience, purpose, structure and language used.

A. Dear Diary,
What a day!!! I saw a mega smash on my way to school this morning. This numpty smashed straight into a taxi. The taxi driver was well angry and they started shoving each other about. It was so silly!!!

B. On the morning of Tuesday 22nd February, at approximately 8.30am, I was on my way to Barton Primary School.

I travelled on foot along Albert Road, and just as I approached the junction with Collie Close, I witnessed a green car driving past me at high speed.

3. James has written the sentence below.

According to my mate Steve, you've told everyone that it was me who bust the mirror in the school loo, even though I wasn't even there on Monday.

He says,



I have written this sentence in a formal tone.

Is James correct? Explain your answer.

Thursday – Miles and Kilometres

1. Compare the distances below using $<$, $>$ or \approx .

8 miles

12.5km

0.8km

0.5 miles

17.5 miles

28.5km

2.5km

1.5 miles

2. Convert the calculations below to find the answer.

A. $7 \text{ miles} + 1.6\text{km} \approx \square \text{ miles}$

B. $0.5 \text{ miles} + 1.2\text{km} \approx \square \text{ km}$

C. $6\text{km} + 3.5 \text{ miles} \approx \square \text{ miles}$

3. Jonas is aiming to run 1.5 miles a day for 25 days.

He says,



At the end of the 25 days, I will have run 50km.

Do you agree with Jonas? Explain why.

Thursday – Formal and Informal Vocabulary

1. Place an 'x' in the appropriate box to show whether the sentences below use formal (F) or informal (I) vocabulary.

A. It is in your best interest to tell the truth, otherwise the consequences will be less favorable for you.

F	I

B. You are advised to avoid Junction 20 due to a major incident; the surrounding roads have been closed and it is suggested that motorists seek alternative routes.

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C. If we're good, me and Lucy are allowed to go to the cinema with our mates to watch the new comedy film, which is supposed to be epic!

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2. Replace the underlined words or phrases in the sentences below using the alternative formal language provided.

A. There are enough members of staff available to go with the children on the school trip next week.

B. In order to keep a healthy body, you need to eat a lot of different foods including fruit and vegetables.

C. I will have to give up one of my free evenings each week and attend additional training in preparation for the competition.

attend	accompany	maintain	range	sufficient	sacrifice
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3. Steph and Sean are writing sentences using formal vocabulary.



Steph

When she'd pulled the dangerous driver over, the cop asked him to get out of the car and put his hands on the front of the car.



Sean

Once the police officer had brought the suspect to a halt, she requested that the man exit the vehicle and place his hands on the bonnet.

Whose sentence is the most formal? Give reasons for your choice.

Additional Resources – Reading Comprehension

The Stone Enquirer

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

1. What writing technique has been used in the headline and why?

2. Which foods are gathered whilst travelling great distances?

3. In paragraph one, which word has a similar meaning to 'travellers'? Why do they travel?

4. Why did Mr. Granite choose to create his 'farm'?

5. Look at the paragraph which begins, '*Granite explains...*'

Find and copy the adjective which describes animals being kept on a farm.

6. Give two ways that Mr. Granite's farm will improve the way of life for his community.

7. '*We have shared the labour between all the residents.*' In this sentence, explain what '*labour*' is referring to.

Additional Resources – Reading Comprehension

The Stone Enquirer

8. *'others are replicating his idea.'* Explain what this phrase means.

9. Summarise the final paragraph in one sentence.

10. Based on what has happened, what might the next newspaper article report on?

The Stone Enquirer

Wednesday 16th November 4016 BC

Exclusive: First 'Farm' Bears Fruit!

On Monday 14th May 4016 BC, Stone Enquirer reporter, Sam Sandstone, discovered a strange new innovation that may have the potential to change the way we live forever.

As our regular readers will know, most people today struggle to survive, travelling great distances to hunt and gather food for their families. People spend most of their time hunting for animals and gathering plants, such as roots, berries and seeds. For centuries, people have lived like nomads, moving from place to place without a settled home. This allows families to find new sources of food every day and prevents them from depleting the resources in one area.

This way of living has sustained us for many years, but now it seems a fascinating alternative has been found. One man has gone against the traditional methods of food gathering, creating an innovative way to produce food, and we, here at The Stone Enquirer, are here to give you the latest news on this modern way of living.

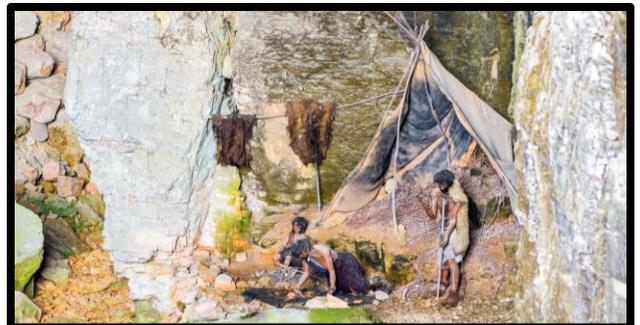
Our reporter, Sam Sandstone, discovered an area of land being used for food production that was known as a 'farm'. It belongs to Mr. Sandy Granite, a local man from Caveton. He explained to us how he first thought of the amazing idea in our exclusive interview.

"One day, I woke up and I was just so fed up of hunting and gathering day in and day out, travelling miles and miles just to find even the smallest amount of food.

I knew there had to be a better way to live," Mr. Granite explained. "I gathered a few of the animals I was planning on hunting, and penned them in a small area near the cave where I was staying at the time."

Granite explained that he uses these animals for both milk and meat and that keeping them in an enclosed area means they cannot hide or escape. He found that these animals had to be domesticated so they could be used for his own benefit. "Caging them made life so much easier. It meant that we no longer needed to travel to hunt as the animals were close by."

It seems that once Granite discovered this, he decided to add other animals in adjoining pens. This means that he can vary the type of food he eats daily. He now has a range of domesticated animals on his 'farm', including pigs, dogs, chickens and turkeys. He even uses cattle and horses to fetch and carry.



Our reporter also discovered that animal rearing was not the only new technique Mr. Granite has been experimenting with.

"I saved the seeds from the different plants and fruits I gathered, and then replanted them near to my home."

Mr. Granite explained that within a few months these seeds produced fruit that could be gathered and eaten. Following this success, he began to expand by growing a wider range of crops such as wheat and barley. He now eats these foods regularly and in such large quantities that they have become part of his staple diet. These foods now supply most of his family's energy. Mr. Granite called this new idea 'agriculture' and believes it will transform people's lives. Having staple crops and a regular source of meat means that he can now control and regulate his food supply.

Others in the local community have since approached Granite and have requested to follow his way of life. This includes local father of two, Rocky Shale. "Mr. Shale is a skilled fisherman and can make impressive tools from rock, wood and bone. He agreed to share his skills with me if I allowed him and his family to use my farm," commented Mr. Granite. Shale has since created many effective tools for use on the farm including flint sickles for harvesting crops and rounded stones for grinding wheat.

The idea is travelling fast, and now Granite's small 'farming' community has grown at a rapid rate, much like the crops he harvests. It is now the home for several families and is soon to hold even more. "We have shared the labour between all the residents. Men farm and herd the animals whilst women raise the children and take care of our homes."

When asked when they would be moving on to a new location, Mr. Granite replied, "We're not going anywhere! We are all planning to stay here and create a farming village of our own." This may eventually lead him to build more permanent types of dwelling.

Only time will tell if Mr. Granite's creation will be a hit, but, as the success of his project begins to bear fruit, others are replicating his idea and creating small farming communities of their own.

"One day I hope to trade some of my produce with my neighbours and, through this, improve the quality of life for the families in my own community and elsewhere."

So, is Mr. Granite a genius and will his idea be a triumph? Or, as some believe, will the result be only failure as we pursue a goal of expanding and creating more 'farms'? Here at The Stone Enquirer we will be keeping a close eye on any new developments and our readers will be the first to hear of it.

Reported by Sam Sandstone