Year 5 Remote Teaching Booklet 3

Homework

Week: 3

Reading

Write a literary description which describes the setting of a book you are reading.

Create an artwork of the setting of a book you are reading.

Writing

Write a persuasive text about why voting in elections should be optional.

Write a discussion about the advantages and disadvantages of siblings.

Language/Vocabulary

Draw a picture of a famous fairy tale character. Around your drawing, use noun groups to create rich descriptions of your character e.g. her long, green, warty nose.

Draw a picture of a haunted forest. Around your drawing, use noun groups to create rich descriptions of your setting e.g. the skinny, reaching tree branches.

Number and Algebra

Write 5 real-life word problems involving 1-digit by 2-digit multiplication. Use a written strategy to solve each problem. Show your working.

Divide a block of chocolate between each member of your family. How many pieces does each person get? Are there any remainders? Draw and explain your working.

Measurement and Geometry

Make a list of activities that take approximately one hour to complete. Time yourself completing one of these activities to see if you were correct.

Use toothpicks and blu-tack to create a square-based pyramid. Use your model to help you draw the net for your pyramid.

Statistics and Probability

Observe and record the type and number of cars that drive past your home during a half hour period.

Use a weekend weather forecast to determine the type of activities you could do as a family.

Earth and Space Sciences

Create an informative poster explaining all the ways that the sun provides energy for planet Earth.

The Arts

Create an artwork using different types of lines. Write a paragraph to explain your artwork.

Image by: DPA, One Big Photo

Story starter!

- It had been a long and perilous journey. The three brothers had travelled for days, each in their own confined and cramped space, each unsure if they would ever see each other again.
- Edging cautiously out into the blinding sunlight, they peered around at their new and unfamiliar surroundings. Relief flooded each of their bodies as they finally set eyes on each other again, but with the relief came fear, trepidation and uncertainty.
- Where were they? Would they be safe here?

Image by: DPA, One Big Photo

Sentence challenge!

- Can you use abstract nouns to describe feeling?
- Try to use 3 abstract nouns at the start of a sentence to describe a character's feelings?
- e.g. Fear, isolation and heartbreak surged through his body as he edged into the sunlight.
- Relief, joy and warmth spread across their faces as they saw each other again.

Image by: DPA, One Big Photo

Question time!

- What animals can you see in the picture?
- Should animals be kept in captivity?
- Can animals form relationships in the same way that humans do?
- Would you rather be in an enclosed space or an open space? Why?
- Will these animals be safe now?
- Who are the people standing in the background?

Image by: DPA, One Big Photo

Sick sentences!

These sentences are 'sick' and need help to get better. Can you help?

- The seal looked out of the basket.
- The sun was shining as the seals went outside.

Pobble

Image by: DPA, One Big Photo

Perfect picture!

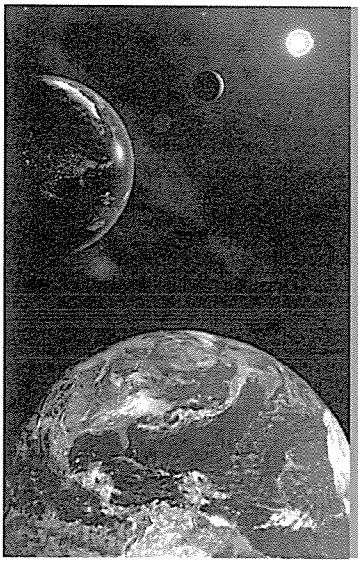
Draw what the seal's environment may have been like before and what it is like now. Think about what the differences might be.

Planet Earth

We all live on Earth...why? Well, Earth is the only planet in our solar system that has all the things we need to survive: 21% oxygen in the air to breathe, water to drink and all at just the right temperature warmed by the Sun. Its name comes from the Old English word 'ertha' and the Anglo-Saxon word 'erda' which means ground or soil.

The Blue Planet:

Earth, the third planet from the Sun, is referred to as 'The Blue Planet' because of how it looks from space – blue. This is due to the fact that over ⅔ of the Earth's surface is covered in water.



Did you know?

Age: approximately 4.54 billion years

Diameter: 13,000 km

Distance to Sun: 150,000,000 km

Surface Temperature: 15°C

Highest point: Mount Everest 8.8 km

Lowest point: Challenger Deep 10.9 km below sea level

I'm Spinning Around:

The Earth spins on its axis once every 24 hours – that's what gives us day and night as we spin to face the Sun and then away from it again. You wouldn't notice but the Earth's spin is actually slowing down by 17 milliseconds per hundred years. Eventually this will lengthen our days but it will take around 140 million years before our day will have increased from 24 to 25 hours. I wonder if children 140 million years from now will have an extra hour at school.

Whilst it is spinning, the Earth is also orbiting The Sun, which takes 365 ¼ days to do one full circuit. This gives us the length of our years. Our seasons are also dependent on the orbit of the Earth as our planet is tilted at an angle. This means that around one side of the Sun we are tilted towards it – giving us warmer temperatures and longer days...our summer. However, around the other side of the Sun we are tilted away from it giving us less light and cooler temperatures – this is our winter. All in all, it's a pretty amazing planet and I, for one, am glad to call it home.

Photo courtesy of (Kevin M Gill@flickr.com) - granted under creative commons licence - attribution

Questions About Planet Earth

1. What percentage of Oxygen is in the air we breathe?

2. What is the highest thing on Earth?

3. How long does it take the Earth to spin once on its axis?

4. Will the Earth always spin at this speed? If not, how will it change?

5. How many planets are between us and the Sun and can you name them?

6. Why do we experience summer around one side of the Sun?

7. Why is Earth also called 'The Blue Planet'?

8. What 3 things make it possible for us to survive on Earth?

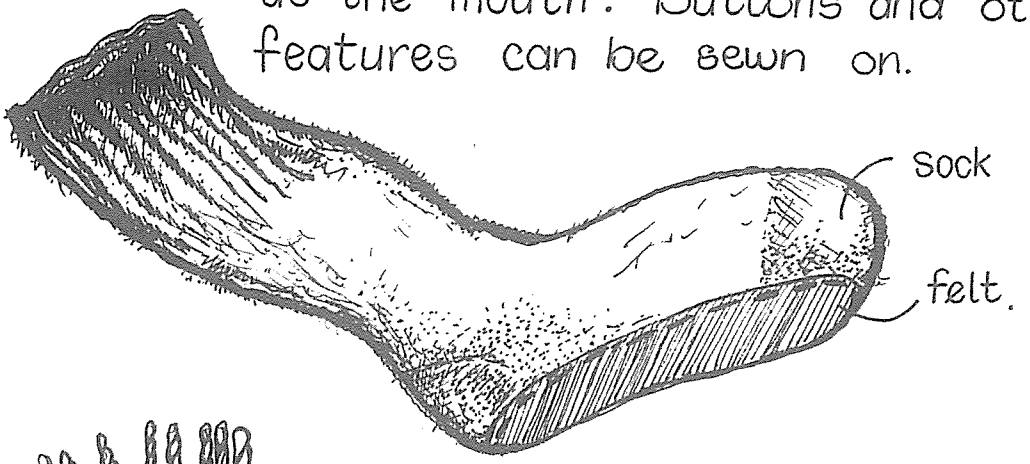
9. Why do we need to add an extra day to our year every 4 years?

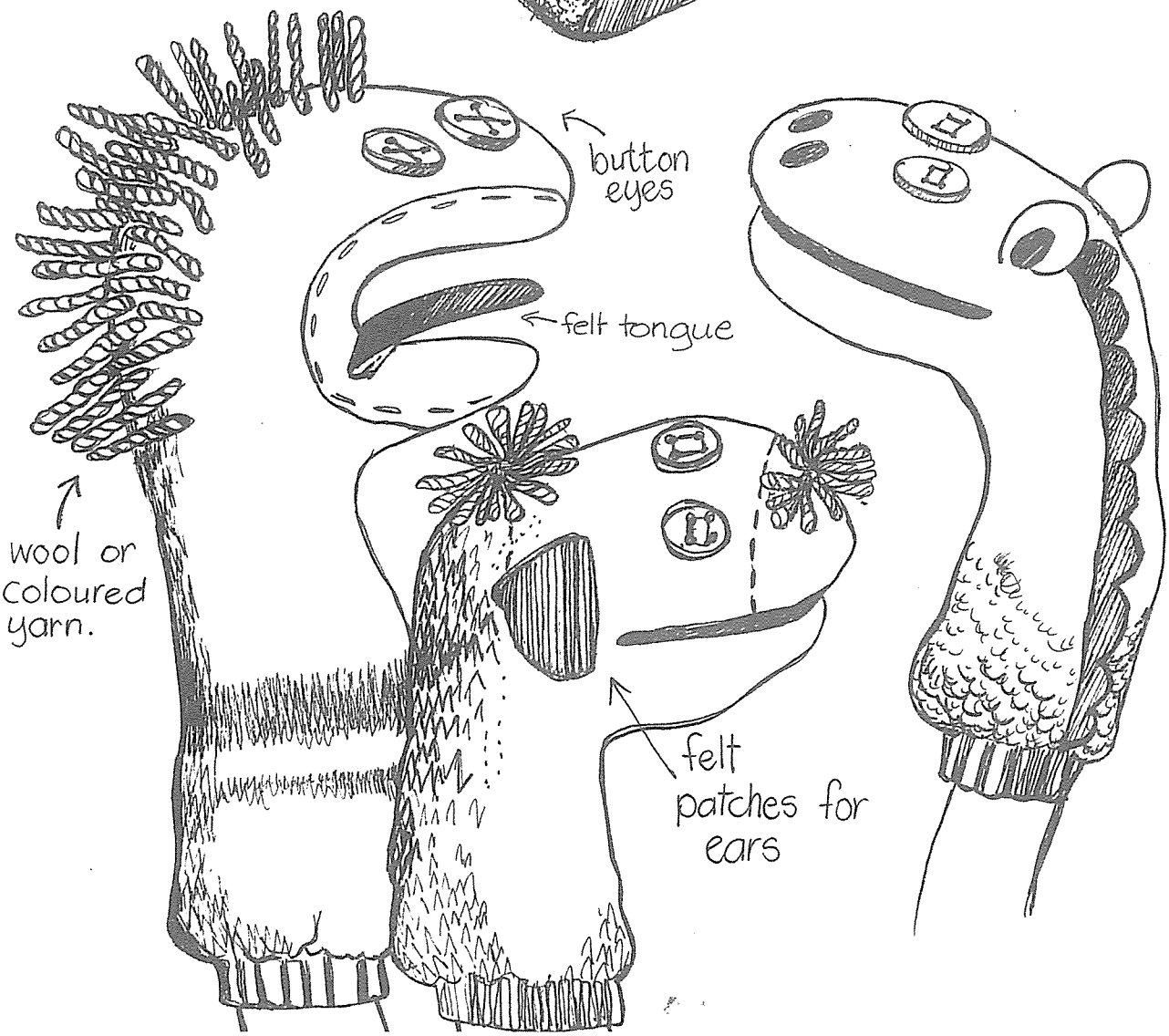
10. Which fact or piece of information has amazed you the most and why?

... SOCK PUPPETS

What You Need : Sock, wool, cotton, felt patches, needle, buttons and material scraps.

What You Do : Sew a piece of felt between the toe and heel of the sock. This acts as the mouth. Buttons and other features can be sewn on.





Correcting Spelling Mistakes 3

The spelling mistakes in these sentences have been circled. Write the correct spelling for each circled word in the box.

1. I won a trophy at the art (compitishon.)
2. She (apolagised) for upsetting her friend.
3. Use your (sissers) to cut out the picture.
4. My little sister can be very (norty.)
5. My teacher (helpt) me to solve the problem.
6. My (neybour) looks after my dog when I am away.
7. He is a (genuin) and honest person.
8. The (awdiense) cheered loudly at the end of the performance.

Each sentence has one word that is incorrect. Write the correct spelling of the word in the box.

1. He rudely interupted the politician's speech.
2. He proudley pinned the medal on his friend's uniform.
3. The tall women went to visit her aunt in hospital.
4. We kept our old possessions down in the celler.
5. Many special events such as Valentines Day fall in Febuary.
6. On the anniversery of the great battle, many people paid their respects.
7. What she did was totaly unforgivable.
8. Alltogether, there were twenty people on the soccer team.

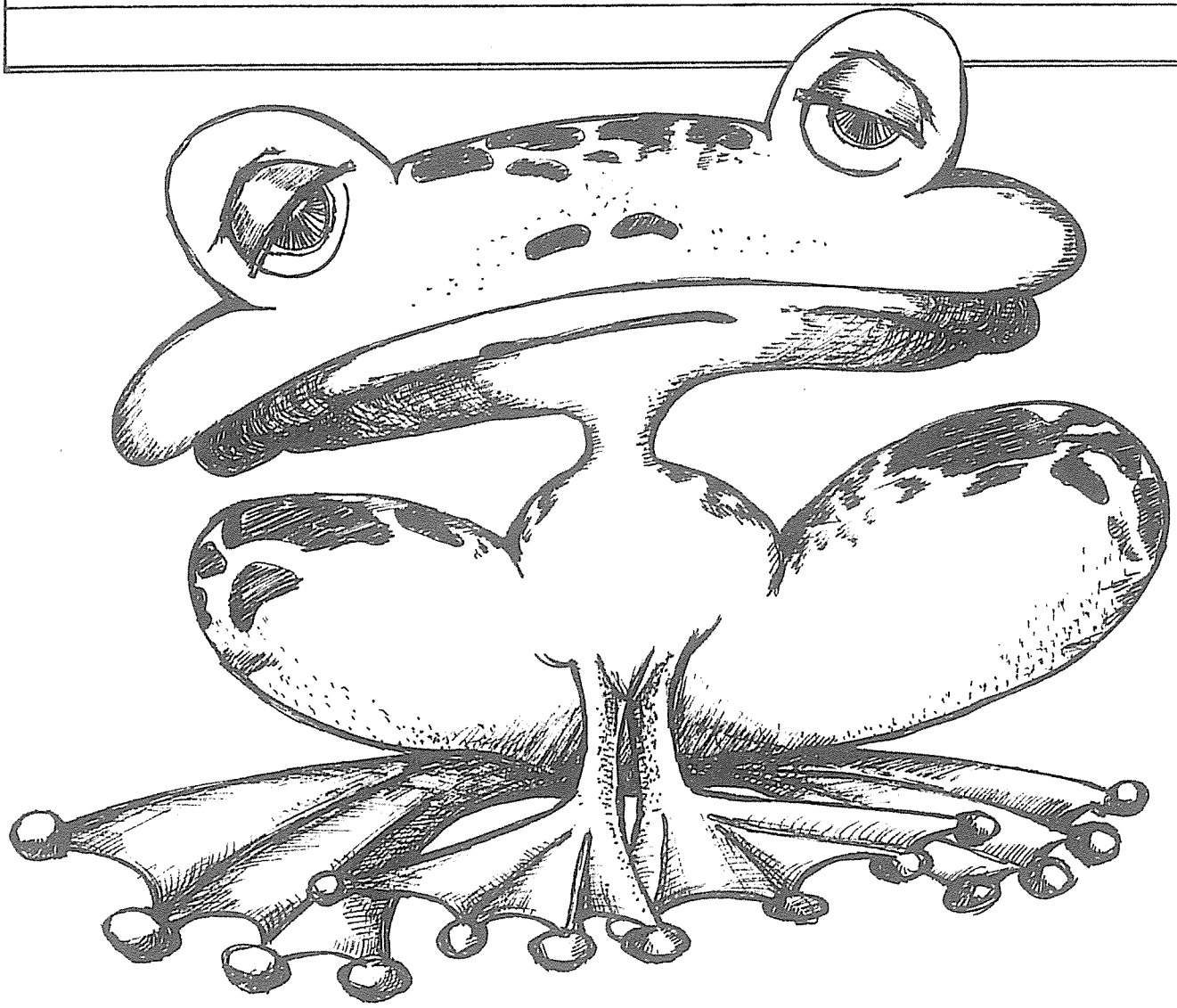
Correcting Spelling Mistakes 6

The spelling mistakes in these sentences have been circled. Write the correct spelling for each circled word in the box.

1. He is very (fortunet) to have such good friends.
2. I cut a large (wege) of cheese.
3. I turned on the light (swich).
4. The (awther) visited our local library and signed my book.
5. He had an (operashion) on his leg and was able to walk again.
6. I (bort) a new pair of trainers with my allowance.
7. The bowler used a very unusual (techneek).
8. I tied the (ribon) around the present.

Each sentence has one word that is incorrect. Write the correct spelling of the word in the box.

1. He guest the answer and luckily was correct.
2. Her cat was especialy fond of snuggling up to her in the evening.
3. The jewellary thief stole many precious diamonds.
4. We all enjoyed our meal at the exspensive restaurant.
5. The gilty man confessed to the crime.
6. It is important to take accurat readings during scientific investigations.
7. It was an exhausting match agenst a very strong side.
8. With guidance and support, we can acheive anything.



Write a convincing letter to your teacher, telling why this frog would make the ideal classroom pet.

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100 POINTS of family fun

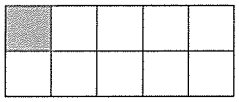
YOUR CHALLENGE IS TO SCORE A TOTAL OF 100 OR MORE POINTS

5 POINTS	5 POINTS	10 POINTS	10 POINTS	20 POINTS	20 POINTS	30 POINTS
Help clean up the kitchen after dinner.	Help prepare a family meal.	Read for 15 mins on your own.	Have a paper airplane contest.	Play a family board game.	Read a chapter book with an adult for half an hour	Create a quiz game for your family to play. Have an answer key.
Come up with 3 jokes to share with your family.	Offer to make a drink for someone in your family.	Teach someone in your family how to do something.	Go outside and watch the clouds for 15 minutes with an adult.	Cook a treat with an adult that you and your family can enjoy.	Write a letter or make a card for someone in a local nursing home.	Spend a whole day without any screens or technology.
Share memories of a favourite holiday or event over a meal.	Spend time with your family sharing 2 things you are grateful for.	Write a special note for someone in your family explaining why you love them (secretly leave it for them to find).	Capture 3 moments of family fun on a camera. Print them out and put them somewhere where you can see them.	Build a cubby house with an adult in your family.	Create a jar of compliments for someone in your family. Give it to them at a time you think they need it.	Create a gratitude tree on your fridge where each family member can record something, they are grateful for on a sticky note each day.
Play hide and seek inside the house.	Put a family favourite song on really loud and dance together.	Plan a family picnic to have in your front or backyard.	Play a game of cards with someone in your family.	Help fold and put away the washing.	Read a book of your choice and write a book review.	Open a 'family restaurant' where kids decide on the menu, help cook the food and clean up!
Have a staring contest with someone who lives with you.	Watch a movie as a family.	Make up a secret handshake with someone who lives with you. Practise it so you get really good at it.	Build something with a family member: Use a cardboard box, LEGOs, blocks, craft materials etc.	Create a kindness flyer to pin up somewhere in your local community.	Make your bed 4 days in a row.	Clean out your cupboard and prepare a bag of clothes or toys to donate to charity.

UNIT 6

NUMBER SET 1

1. Regroup 425 hundreds and 8 tens as one number. _____
2. What number squared equals 36? _____
3. $7 \times$ _____ $= 42$
4. $30 -$ _____ $= 14$
5. Share 56 equally among 8. _____
6. $5 + 5 + 5 + 5 + 5 =$ _____
7. What is the value of 6 in 36 729? _____
8. Is 20×10 more or less than 100? _____
9. What decimal fraction is shaded in this diagram? _____



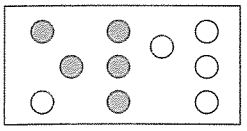
10. Counting on by 5s, what is the next number after 168? _____
11. If $\frac{5}{8}$ of a shape is shaded, what fraction is not shaded? _____
12. 100 less 20 is _____.
13. I spent $\frac{1}{4}$ of \$2. How much was left? _____
14. $\$1.50 \times 4 =$ _____
15. Double 45. _____
16. 1245c = \$_____._____

NUMBER SET 2

1. $\begin{array}{r} 346 \\ \times \quad 3 \\ \hline \end{array}$
2. $\begin{array}{r} 285 \\ \times \quad 4 \\ \hline \end{array}$
3. $\begin{array}{r} 558 \\ - 232 \\ \hline \end{array}$

4. Write 406 hundreds and 8 tens as one number. _____
5. $45 \div 9 =$ _____
6. $100 - 53 =$ _____
7. The sum of 28 and 38 is _____.

8. Which is greater: 0.75 or $\frac{1}{2}$? _____
9. Counting back by 3s, what is the next number I would say after 401? _____
10. Write the largest number possible with the digits 4, 6, 5, 1 and 3. _____
11. I have twenty 20c coins and five 10c coins. How much have I altogether? _____
12. I bought 4 pencils for 55c each. How much was my change from \$5? _____
13. What decimal fraction of this diagram is shaded?



14. If 7 items cost \$3.50, how much will I pay for 5? _____
15. After paying for the 5 items in question 14, what will be my change from \$5? _____

Working Mathematically

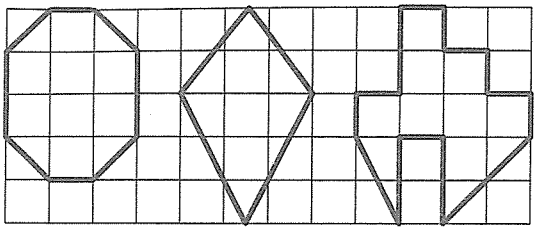
The number I am looking for is larger than 6 000 and smaller than 7 000. It is an even number, and has 4 in the hundreds column and 8 in the tens column. The ones digit is greater than 6 and less than 9.

What is the number?

Explain how you reached your answer.

MEASUREMENT

Count the squares to find the areas of these irregular shapes.



1. _____ 2. _____ 3. _____

4. A square has an area of 9 cm^2. What would the length of a side be? _____
5. A rectangle has an area of 10 cm^2 and a length of 5 cm. How wide is it? _____
6. _____ millilitres = 1 litre
7. 3 L 270 mL = _____ L

How many 50 mL containers filled with water would be needed to fill containers holding:

8. 100 mL? _____
9. 250 mL? _____
10. 1 L? _____

SPACE

Draw the result of a *flip*, *slide* or *turn* on the following shapes.

1. slide
2. flip
3. turn 90°
4. slide
5. flip
6. turn 90°
7. slide
8. flip
9. turn 90°
10. flip

Working Mathematically

Michael had only two containers, and neither had graduations marked. The first would hold 5 L when full and the second 8 L when full. Michael needed exactly 3 L of water for a mixing experiment. How could he do it?

See What is the problem

_____

_____

_____

Plan What strategy will you use?

_____

_____

_____

Do Working

Check Have you measured exactly 3 L?

_____

_____

_____

EVALUATION

Number

Set 1 ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Set 2 ☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Measurement ☐☐☐☐☐☐☐☐☐

Space ☐☐☐☐☐☐☐☐

Things I liked _____

_____

Things I found difficult were _____

_____

Pirate Themed Addition Facts up to 100 Mosaic

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

Red = **11 – 20**	Skin colour of your choice = **21 - 40**	Blue = **41 - 60**	Black = **61 - 80**	Brown = **81 - 99**

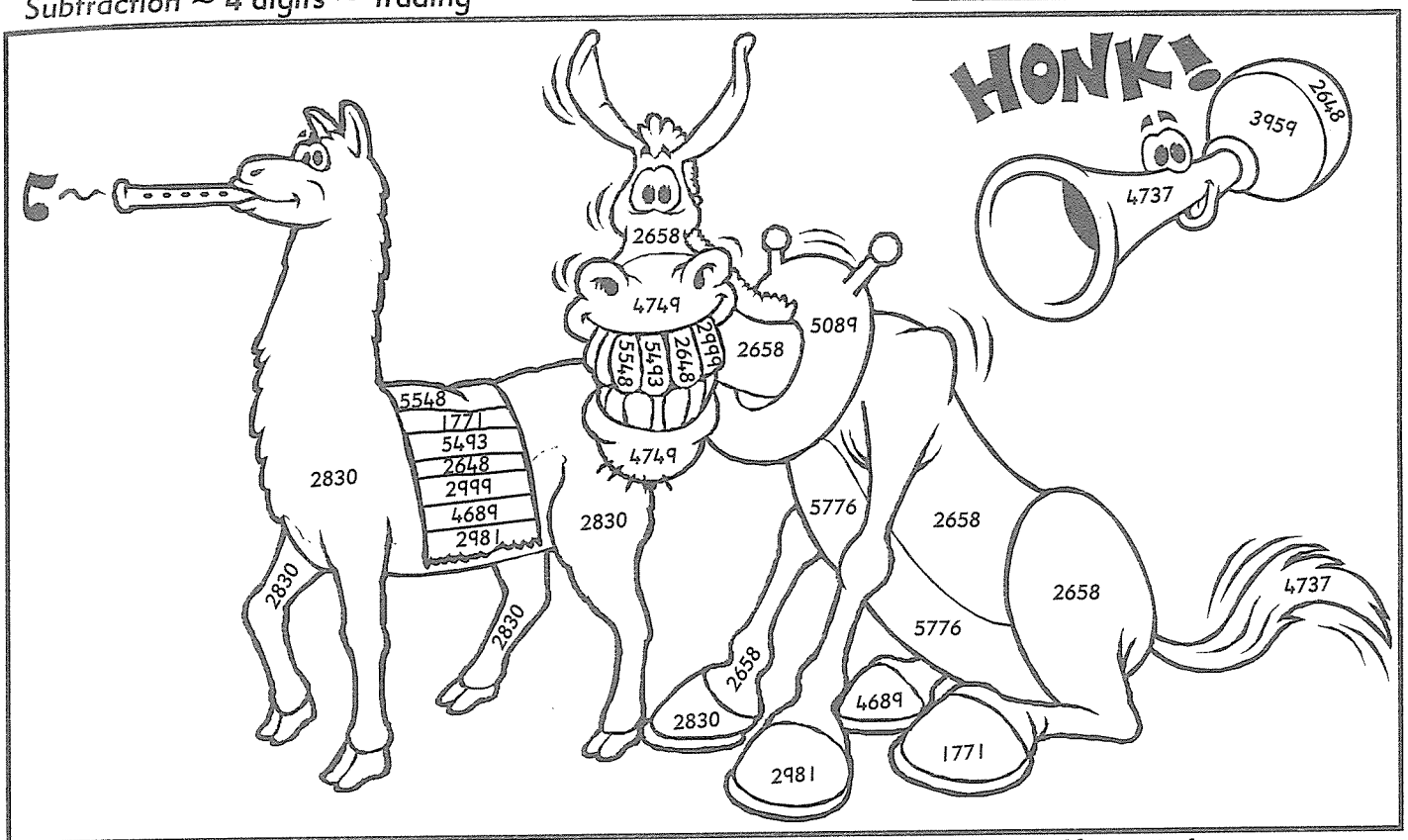
		58 + 3	44 + 20	15 + 50	62 + 7	55 + 8		
	55 + 20	34 + 40	56 + 8	64 + 9	43 + 30	35 + 40	19 + 60	
75 + 2	66 + 5	63 + 1	75 + 3	71 + 9	64 + 6	59 + 3	42 + 20	31 + 30
		17 + 10	21 + 6	13 + 10	23 + 4	18 + 20		
	17 + 5	14 + 8	40 + 8	16 + 5	62 + 7	17 + 8	18 + 9	
	75 + 6	22 + 7	24 + 9	25 + 7	31 + 4	15 + 10	65 + 20	
	82 + 10	14 + 20	14 + 3	18 + 1	16 + 2	16 + 20	86 + 6	
		92 + 5	52 + 40	48 + 40	35 + 60	82 + 7		
	22 + 20	39 + 8	13 + 30	15 + 40	55 + 2	48 + 9	43 + 7	
15 + 30	36 + 5	44 + 3	26 + 30	29 + 20	47 + 2	58 + 1	54 + 3	45 + 6

Extra Challenge: How many ways can you make 20 by adding a 2-digit and a one-digit number together? Have you found all the ways? How do you know?

Name: _____

Write 6 sums of your own for your friend. ON THE BACK

Subtraction ~ 4 digits ~ Trading

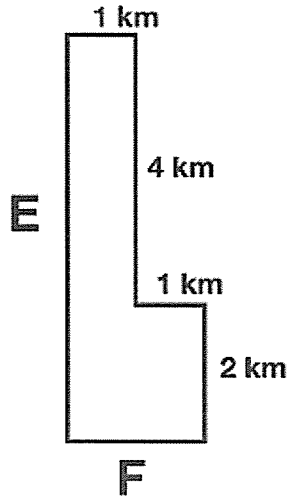


Look for the numbers more than once and colour the picture.

blue	green	red	yellow	purple
7696 -2607	9057 -3564	9000 -3452	5210 -3439	7380 -4732
_____	_____	_____	_____	_____
pink	**orange**	**black**	**brown**	**rainbow**
6166 -3167	8310 -3621	4228 -1247	5719 -2889	6950 -2991
_____	_____	_____	_____	_____
red	**yellow**	**blue**	**green**	**orange**
8553 -2777	6234 -3576	6200 -3552	8702 -3953	7403 -2666
_____	_____	_____	_____	_____

Name: _____ Side 2

Perimeter - Continued



What is the length of side E? _____

Explain how you found the length of side E.

_____

_____

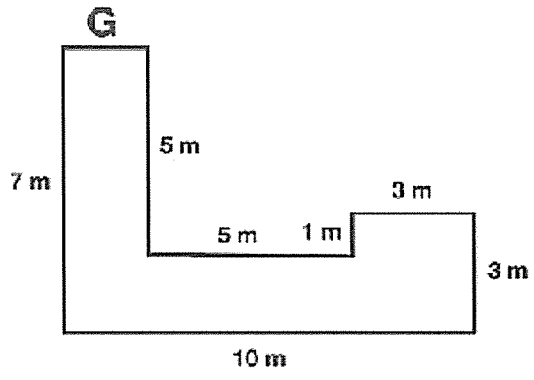
What is the length of side F? _____

Explain how you found the length of side F.

_____

_____

What is the perimeter of the shape? _____



What is the length of side G? _____

Explain how you found the length of side G.

_____

_____

What is the perimeter of the shape? _____

Name _____ Date _____

Mixed Operations Word Problems - Number

1. Roger is training for a tennis tournament. He hits 15 serves per day for a week and then moves up to 20 serves per day for the next week.

   a) How many serves does he hit over the 2 weeks?

   b) If he has 5 tennis balls and serves each of them the same number of times, how many times does each ball get served over the 2 weeks?

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2. Stephen's family own a farm that has 12 chickens.

   a) On Monday, each of the chickens laid 3 eggs each. How many eggs were there at the end of the day?

   b) On Tuesday, 25% of the chickens laid 2 eggs each and the remaining 75% laid 3 eggs each. How many eggs were there at the end of the day?

   c) Stephen's family gives 4 dozen eggs to their grandparents every 4 days. What is the least amount of eggs that the chickens can lay each day to make sure they have enough to give to their grandparents?

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