Year 6 Remote Teaching Booklet 4

Homework

Week: 4

Reading

Invent a new character for a book you are reading. Draw and describe this character.

Write a bio poem to describe a character of a book you are reading.

Writing

Write a literary description of an enchanted forest.

Write a literary recount about a time when you felt scared.

Language/Vocabulary

Sometimes, specific words are more useful then general words when cooking. Create a table with the following headings: *Cut, Add, Mix, Cook.* Use a thesaurus to find at least 5 more specific words that could be used for each of these words.

Use a dictionary or the Internet to research words we use today that originate from Latin roots e.g. 'century' which comes from 'cent' meaning 'one hundred'. Try to list and define at least 10 words.

Number and Algebra

Draw a number line between 0 and 1. Place the following fractions on your number line: 1/2, 1/3, 2/3, 1/4, 2/4, 3/4. Under the number line, draw each fraction.

Write as many addition and subtraction number sentences as you can using these fractions: 1/4, 2/4, 3/4, 4/4. You do not need to use every fraction in each sum.

Measurement and Geometry

Draw a grid reference system for your bedroom. Use this grid to describe the location of 3 items in your room.

Find a picture that you like in a newspaper or magazine. Using a grid system, try to enlarge the picture by drawing it to the size of an A4 sheet of paper.

Statistics and Probability

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

Biological Science

Draw a diagram of an animal of your choice. Label the physical adaptations the animal has developed to help them survive and thrive in their environment.

History

Do a PMI chart (plus, minus, interesting) about what it would have been life for British colonists living in Australia during the 1800s.

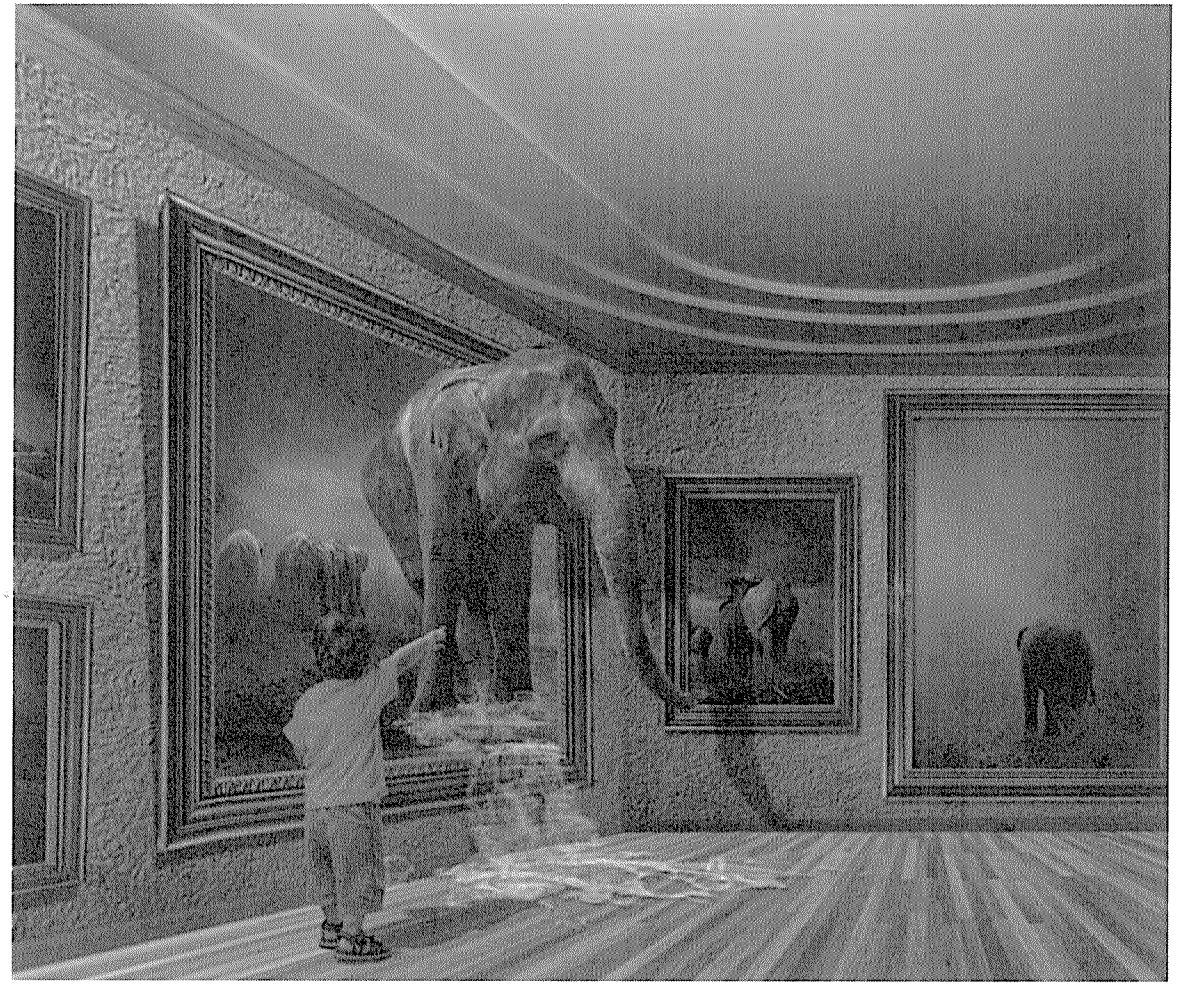


Image by: Hendra Yudhiarato, 1X

Story starter!

- Toby had thought the art gallery a boring place to visit. In fact, he had said as much to his mum as he trudged up the grand, stone steps to the entrance an hour earlier. “Mummmmm” he had complained, “I hate coming here. The animals never dooooo anything.”
- Toby was now thinking he had been wrong. His jaw dropped and he stared in utter disbelief at the sight in front of him, pointing as water cascaded onto the floorboards from the painting containing a herd of elephants stampeding through the Ganges river. Toby could not believe his eyes: this trip was starting to get interesting...

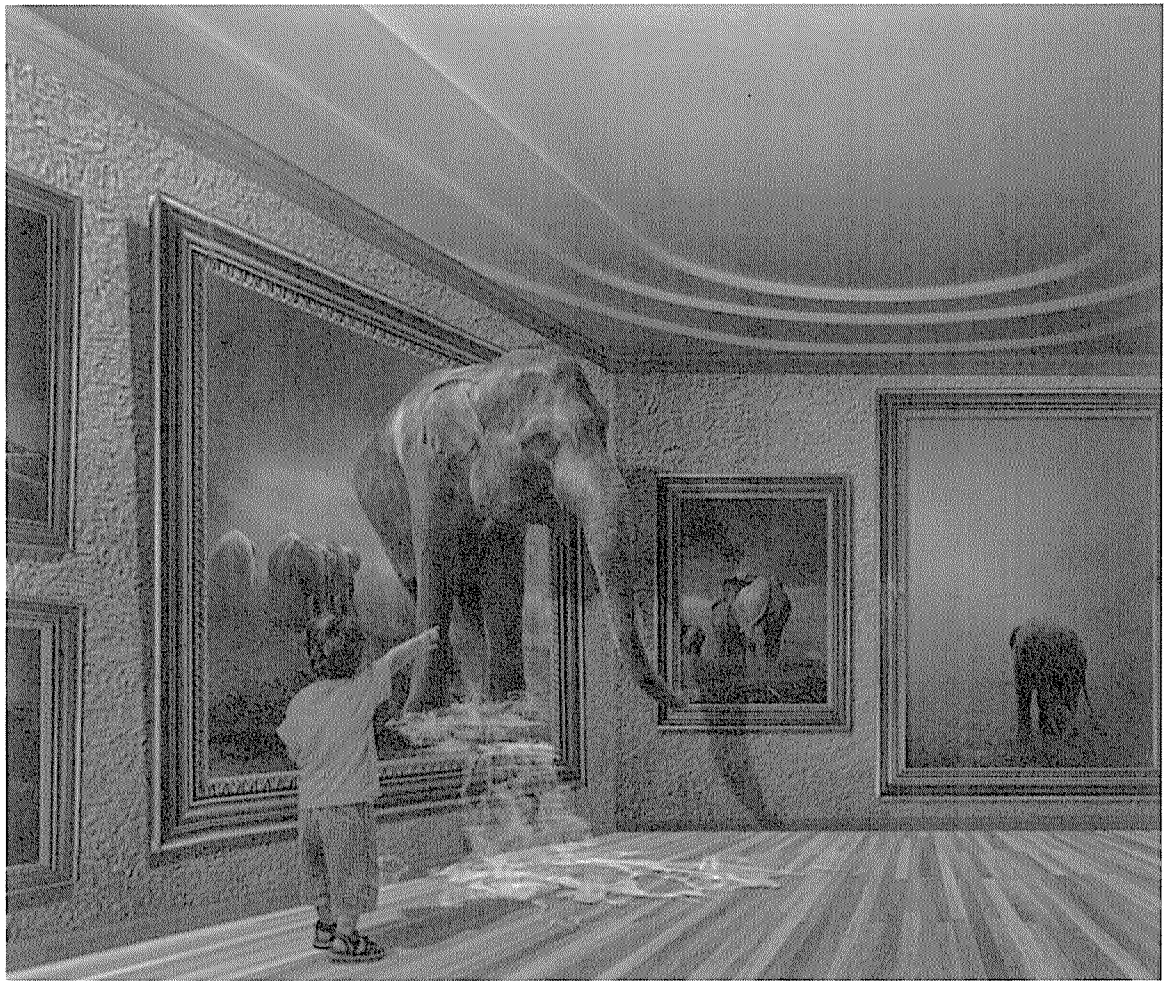
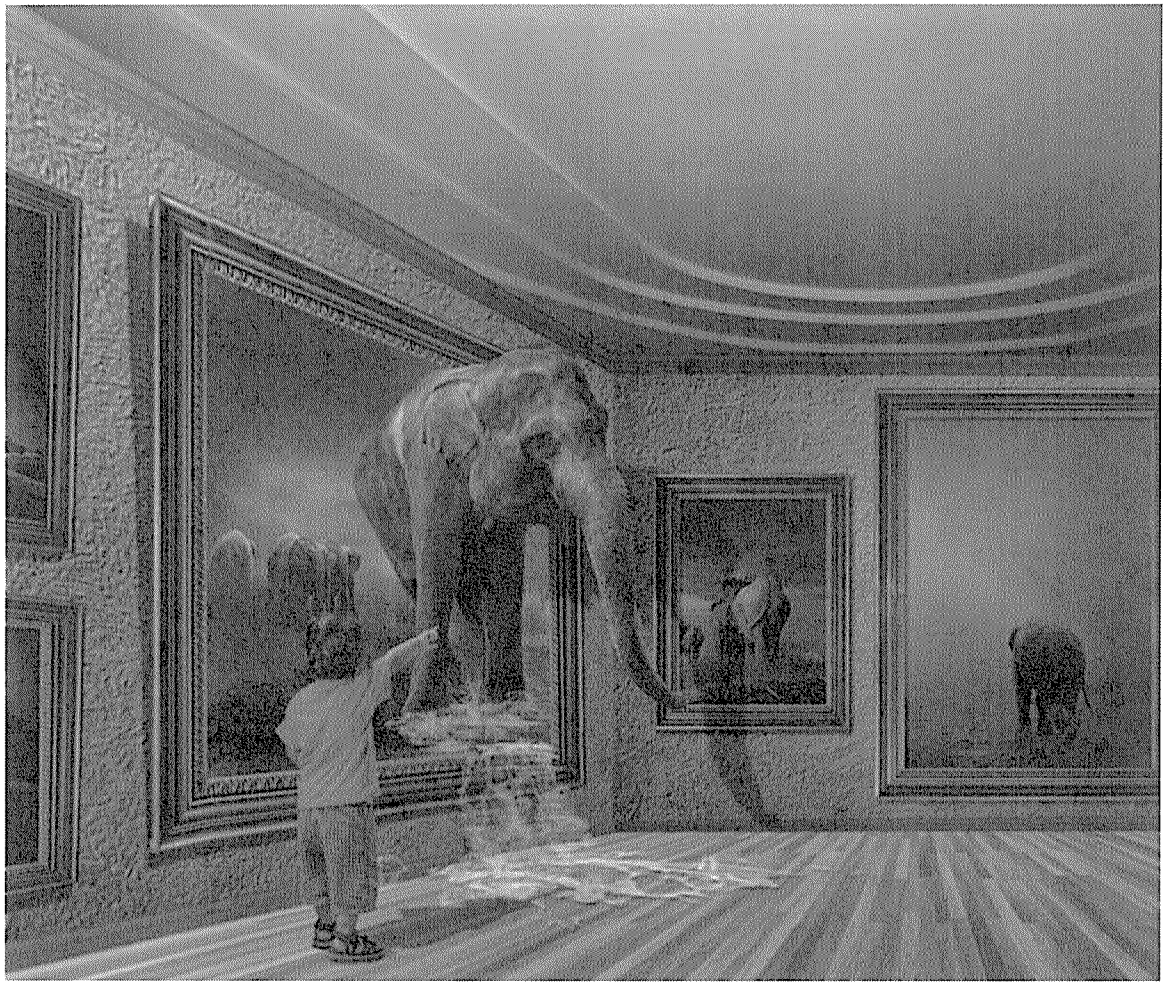


Image by: Hendra Yudhiarato, 1X

Sentence challenge!

- The verb 'trudged' is used to describe how Toby moved up the steps. What does the word mean? What does it tell you about how Toby felt about going to the gallery?
- What is a verb? Can you think of different verbs that you could use instead of 'trudged'?



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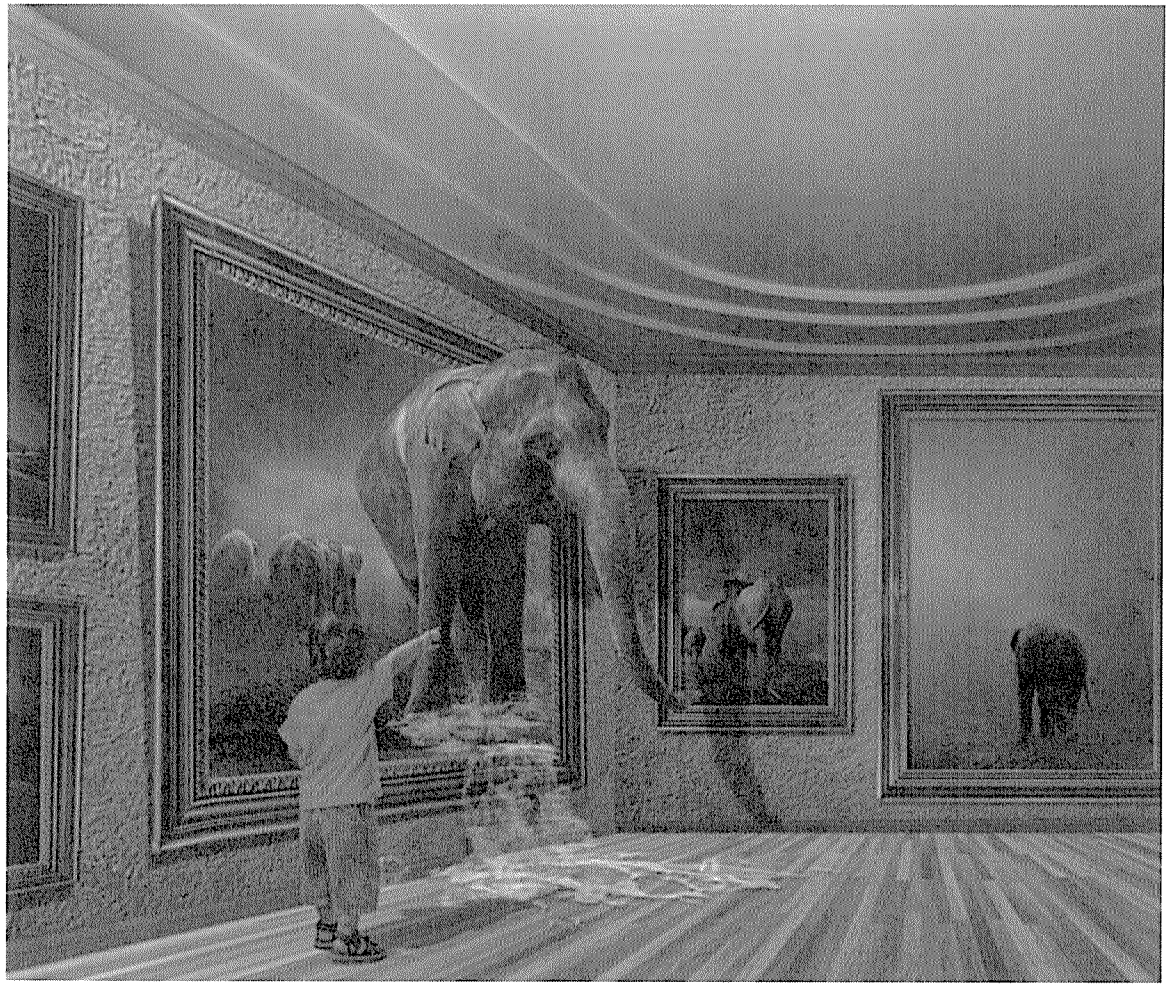
Question time!

- What do you think will happen next?
- Which other animals will come to life?
- How will Toby react to the situation?
- What might the paintings depict in the other rooms around the gallery?
- Might this have happened before in the gallery?



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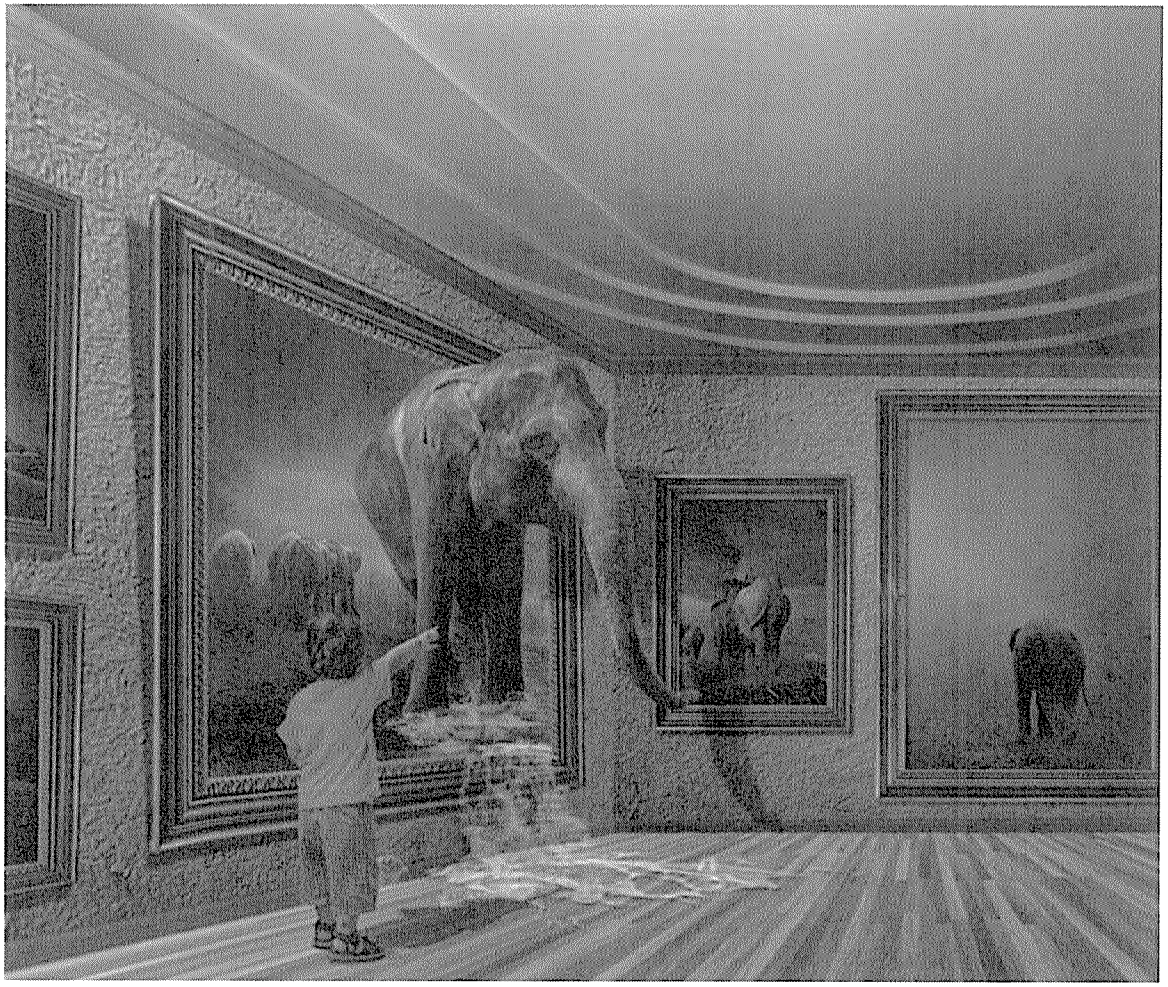
Sick sentences!

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

- Toby stood in the gallery. An elephant came out of the painting. Water went on the floor.

Pobble



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Perfect picture!

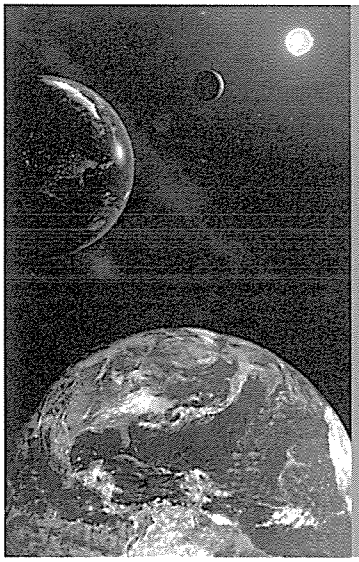
If you could paint a picture of anything, knowing it would come alive, what would you paint?

Planet Earth

Have you ever wondered why humans live on Earth and not the other planets in our Solar System? 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. Scientists call this the 'Goldilocks Zone' because everything is 'just right'...not too hot, not too cold. Its name is derived 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. This is due to the fact that over ⅔ of the Earth's surface is covered in oceans and seas.



Did you know?

Age: approx. 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. 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 – so this is our winter. All in all, it's a pretty amazing planet and I, for one, am glad to call it home.

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Questions About Planet Earth

1. What percentage of the air we breathe is not Oxygen?

2. What is the difference between the highest and lowest points 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. In the Fact File section the author has written 'approx.', what is the reason for the full stop in this word?

8. In the 'I'm Spinning Around' section, the author writes:

'You wouldn't notice but the Earth's spin is actually slowing down by 17 milliseconds per hundred years'

Why does the author say we wouldn't notice?

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?

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Correcting Spelling Mistakes 5

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

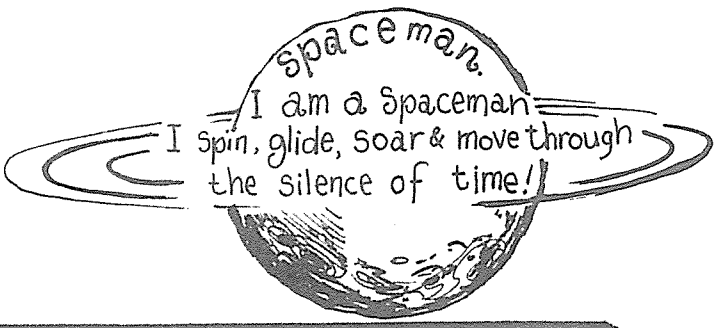
1. I (dowt) I will go to the party.
2. I got up (earlyer) than my dad.
3. He (wayed) the ingredients carefully.
4. My sister and I are (identicle) twins.
5. We went to the art gallery to see the new (exebition.)
6. The artist painted a beautiful (portrate.)
7. The professor had many (kwalifications.)
8. It was a good (opertunity) to develop some new skills.

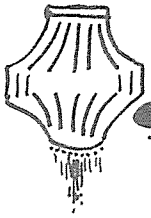
Each sentence has one word that is incorrect. Write the correct spelling of the word in the box.

1. My friend gave me some good advise and I was able to solve the problem.
2. Her handriting was messy and very difficult to read.
3. I was realy tired and needed a good sleep.
4. We arranged ourselves in hight order.
5. The beetle exspert was able to identify the species.
6. Gymnastics and other sports help you to stay fit and flexable.
7. When my mum turned fourty, we had a huge celebration.
8. He won the champianship with an impressive display of skill and courage.

HAIKU - THE TRADITIONAL FORM OF JAPANESE POETRY.

THE FORM IS 3 LINES TOTALLING 17 SYLLABLES.
LINE 1 : 5 SYLLABLES
LINE 2: 7 SYLLABLES
LINE 3: 5 SYLLABLES





LANTERN POEMS.

THESE POEMS CONSIST OF SIMPLE SYLLABIC PLANS WITH THE WORDS ARRANGED SO THAT THEY FORM THE SHAPE OF A LANTERN.

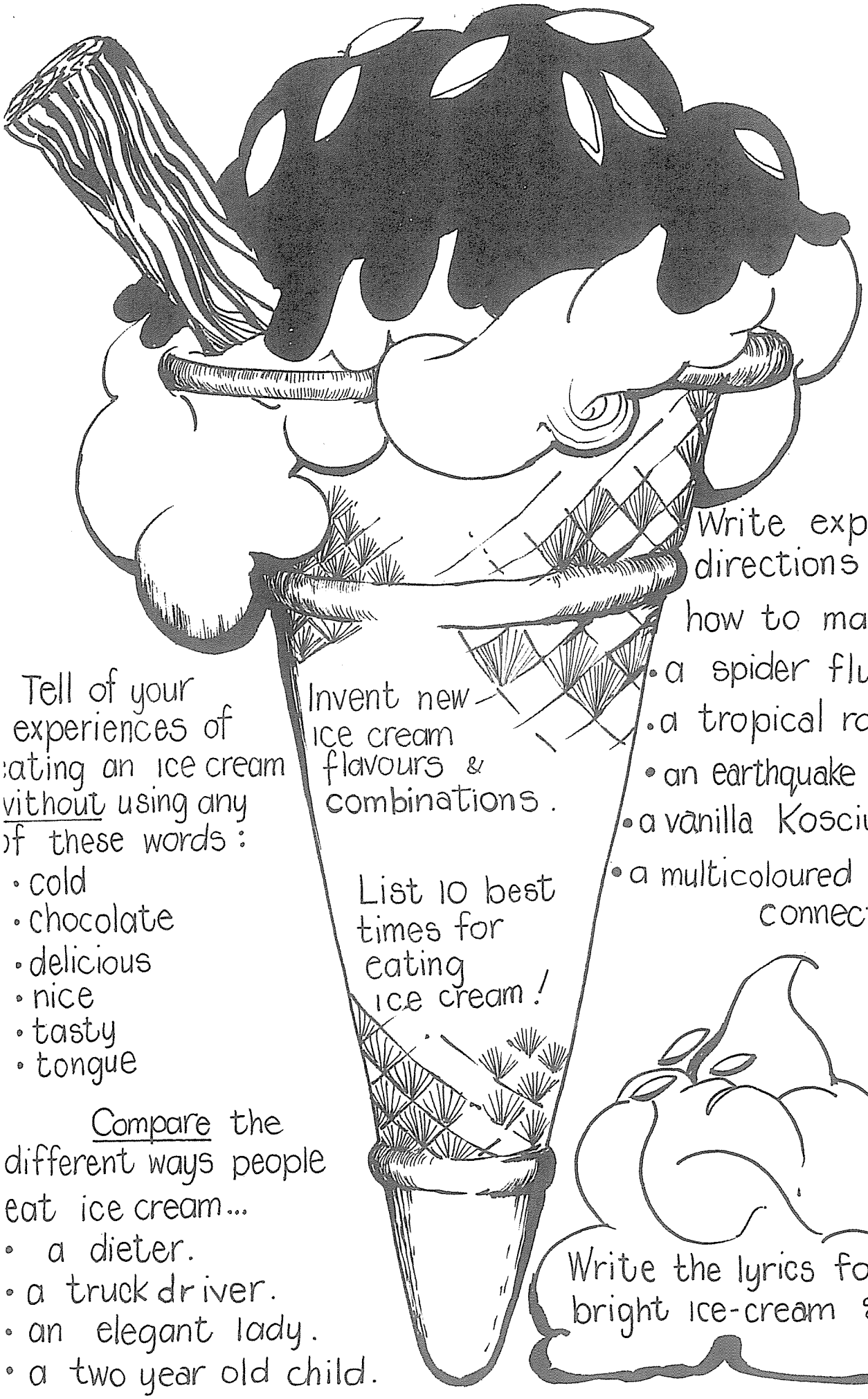
Fire
Crackling
Searing heat
Destroying life
Death!

LINE 1 - One syllable
LINE 2 - Two syllables
LINE 3 - Three syllables
LINE 4 - Four syllables
LINE 5 - One syllable.

onomatopoeic poems are

simply lists of words that describe the sounds of a place or of an event. eg.

Supermarket
clattering
clashing
bustling
shoving
crashing
kerthump
kerthump kerthump
goes my
trolley wheel!!



Tell of your experiences of eating an ice cream without using any of these words:

- cold
- chocolate
- delicious
- nice
- tasty
- tongue

Compare the different ways people eat ice cream...

- a dieter.
- a truck driver.
- an elegant lady.
- a two year old child.
- a burglar.

Invent new ice cream flavours & combinations.

List 10 best times for eating ice cream!

Write explicit directions for how to make:

- a spider fluff.
- a tropical rainbow.
- an earthquake parfait.
- a vanilla Kosciusko.
- a multicoloured connection.

Write the lyrics for a bright ice-cream song.

100 POINTS of family fun

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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.

Name _____ Date _____

Mixed Operations Word Problems - Length

(1) Zara just completed the 50 kilometre Mega Marathon in 5 hours and 50 minutes.

a) If she started at 9:30 am, what time did she finish?

b) How long did it take her to run each kilometre?

c) Assuming she ran at a steady pace, how far into the marathon was she at 12:30 pm?

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(2) Lehi drove his brother to the train station and then drove home again. Lehi went back to pick his brother up when he returned on the train and took him home.

a) How far is the train station from Lehi's home if he travelled 85 kilometres in total?

b) If petrol costs $1.15 per kilometre, how much did Lehi's brother owe him for petrol, if he agreed to pay for half of the cost?

UNIT 31

NUMBER SET 1

1. $9 \times 2 \times 4 =$ _____
2. $104 - 35 =$ _____
3. $19 + 19 + 19 + 19 =$ _____
4. $(4 \times 15) \div 10 =$ _____
5. Find the sum of 25 and 40, then subtract 16. _____
6. If 9 items cost $63, how much are 7? _____
7. $8^2 - 4^2 =$ _____
8. (4 + 5) squared = _____
9. Write the number that is one thousand less than 40 800. _____
10. 0.5 = 5 hundredths. True or false? _____
11. What percentage is equal to $\frac{3}{4}$? _____
12. What is the quotient of 96 and 8? _____
13. Is 46 a multiple of 4? _____
14. I spent 68% of $100. How much was left? _____
15. Cross out any unnecessary zeros in 003.020. _____
16. 0.05 = _____ % = $\frac{\quad}{100}$
17. 710 hundreds ÷ 99 ones = _____
18. $7.00 − $4.05 = _____

NUMBER SET 2

1. $\begin{array}{r} 516 \\ -\ 37 \\ \hline \\ \hline \end{array}$

2. $\begin{array}{r} 635 \\ 216 \\ +\ 55 \\ \hline \\ \hline \end{array}$

3. $\begin{array}{r} 253 \\ \times\ 4 \\ \hline \\ \hline \end{array}$

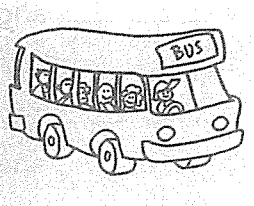
4. Write numerals in the spaces to make a true statement.

   30 = _____ × _____ = _____ ÷ _____ = _____ − _____

5. $(3 \times 4) + (4 \times 4) = (7 \times 4)$ True or false? _____
6. $(40 \times$ _____$) = 200$
7. Add one-quarter of 40 to one-half of 60. _____
8. _____ ÷ 7 = 7 r 3
9. I bought 6 pens at 75c each. What was my change from $5? _____
10. 39 ÷ _____ = 13
11. What decimal fraction of 100 is 15? _____
12. Continue the sequence: 3.2, 3.8, 4.4, _____, _____, _____
13. $(56 \div 7) \times (4^2 - 3^2) =$ _____
14. Is 95 a multiple of 10? _____
15. Complete the subtraction grid.

−	33	44	51	62
15				
29				
30				
24				

Working Mathematically



Two children went to the movies. If they each paid 80c for a bus fare and $2.50 for the movie, how much did they spend altogether? How much change would they have from $20?

Explain how you reached your answer. _____

_____

MEASUREMENT

1. 3.5 m = _____ centimetres
2. 1.5 kg = _____ grams
3. 500 mL = _____ litres
4. 2.5 min = _____ seconds
5. 1.25 h = _____ minutes
6. Autumn = _____ days
7. 1980 = _____ days
8. 3.15 pm to 4.45 pm = _____ minutes
9. Days in February 2002 = _____ days
10. Years in the 20th century = _____ years

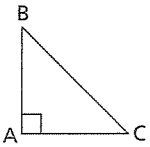
SPACE

Name parts of your house where lines are:

1. horizontal _____
2. vertical _____
3. sloping _____

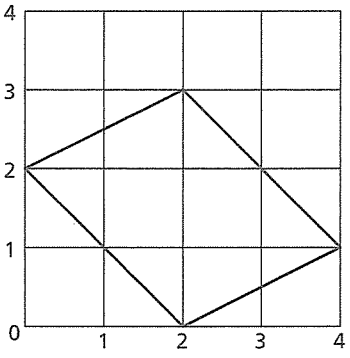
In triangle ABC, name the side that is:

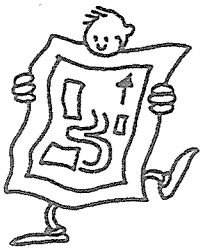
4. horizontal _____
5. vertical _____
6. sloping _____



Record the coordinates of the corners of the rectangle on the grid:

7. (,)
8. (,)
9. (,)
10. (,)





Working Mathematically

How many 3-digit numbers can you make with the digits 1, 2 and 3 if no digit is repeated in each number?

See What is the question asking?

_____

_____

_____

Plan What strategy will you use? (Be organised.)

_____

_____

_____

Do Working

Check Are there any other possibilities?

_____

_____

EVALUATION

Number

Set 1 ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Set 2 ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Measurement ☐☐☐☐☐☐☐☐☐☐

Space ☐☐☐☐☐☐☐☐☐

Things I liked _____

_____

Things I found difficult were _____

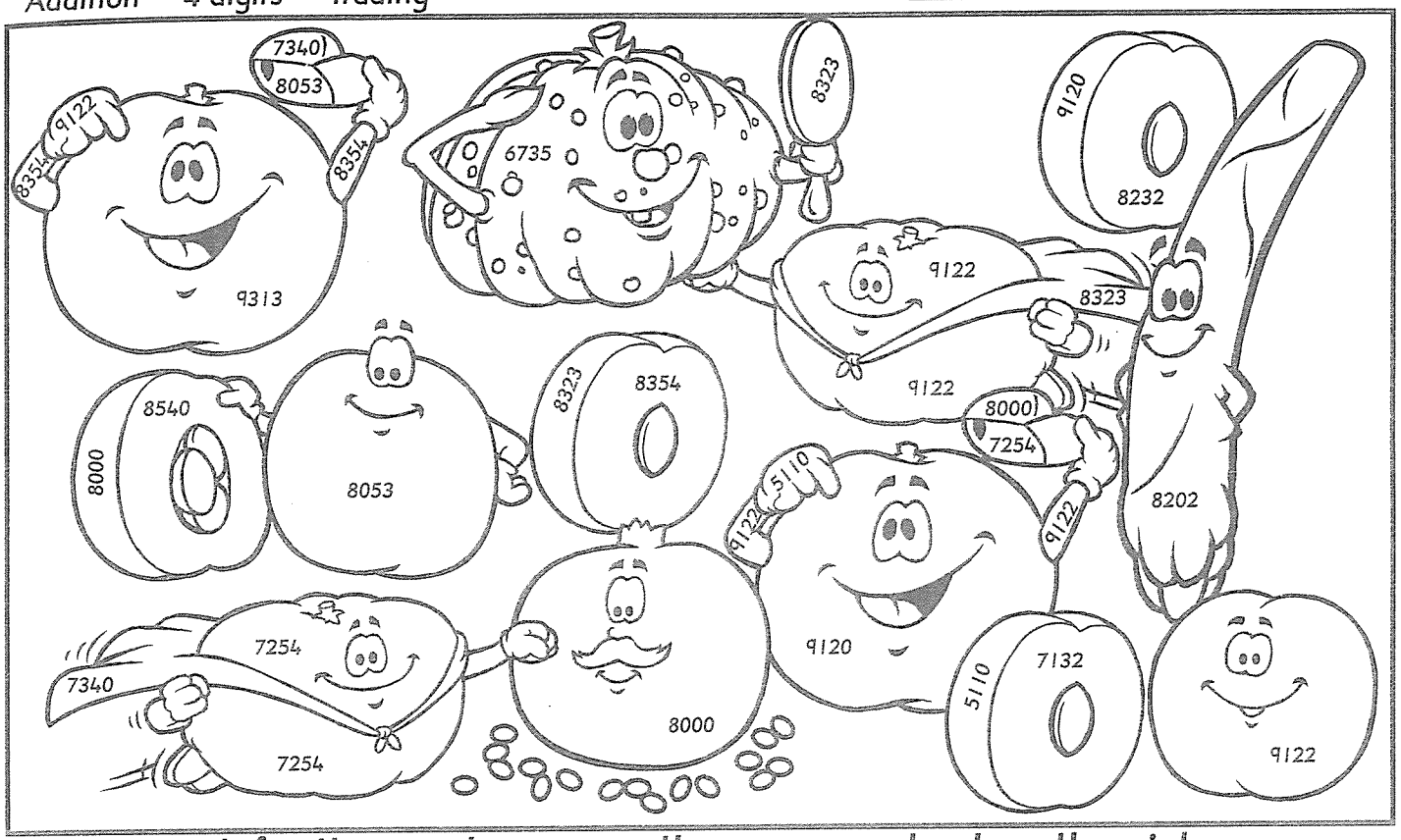
_____

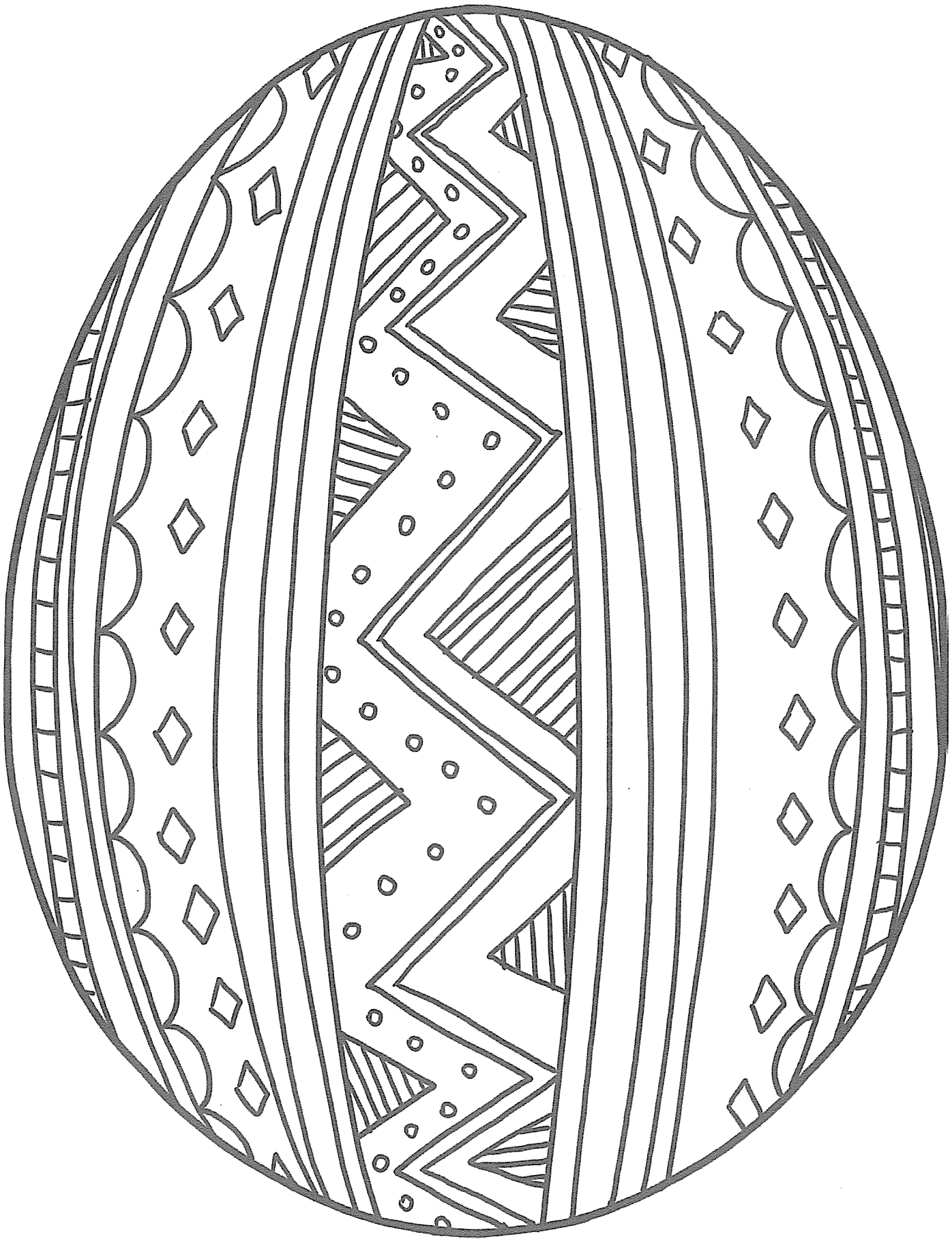
Name: _____

Write 6 sums of your own for your friend.

ON THE BACK

Addition ~ 4 digits ~ Trading



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

blue	green	red	yellow	purple
5407 +2795	6883 +2430	5635 +3487	4547 +3776	1796 +4939
_____	_____	_____	_____	_____
pink	**orange**	**black**	**brown**	**rainbow**
4466 +2666	3588 +3666	3764 +3576	2658 +2452	3959 +4094
_____	_____	_____	_____	_____
red	**yellow**	**blue**	**green**	**orange**
5868 +2486	6756 +1476	5987 +2553	4637 +3363	6744 +2376
_____	_____	_____	_____	_____