

Year 5

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.

## 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.

## Language/Vocabulary

Sometimes, specific words are more useful than 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:  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{2}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$ . Under the number line, draw each fraction.

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

## Biological Science

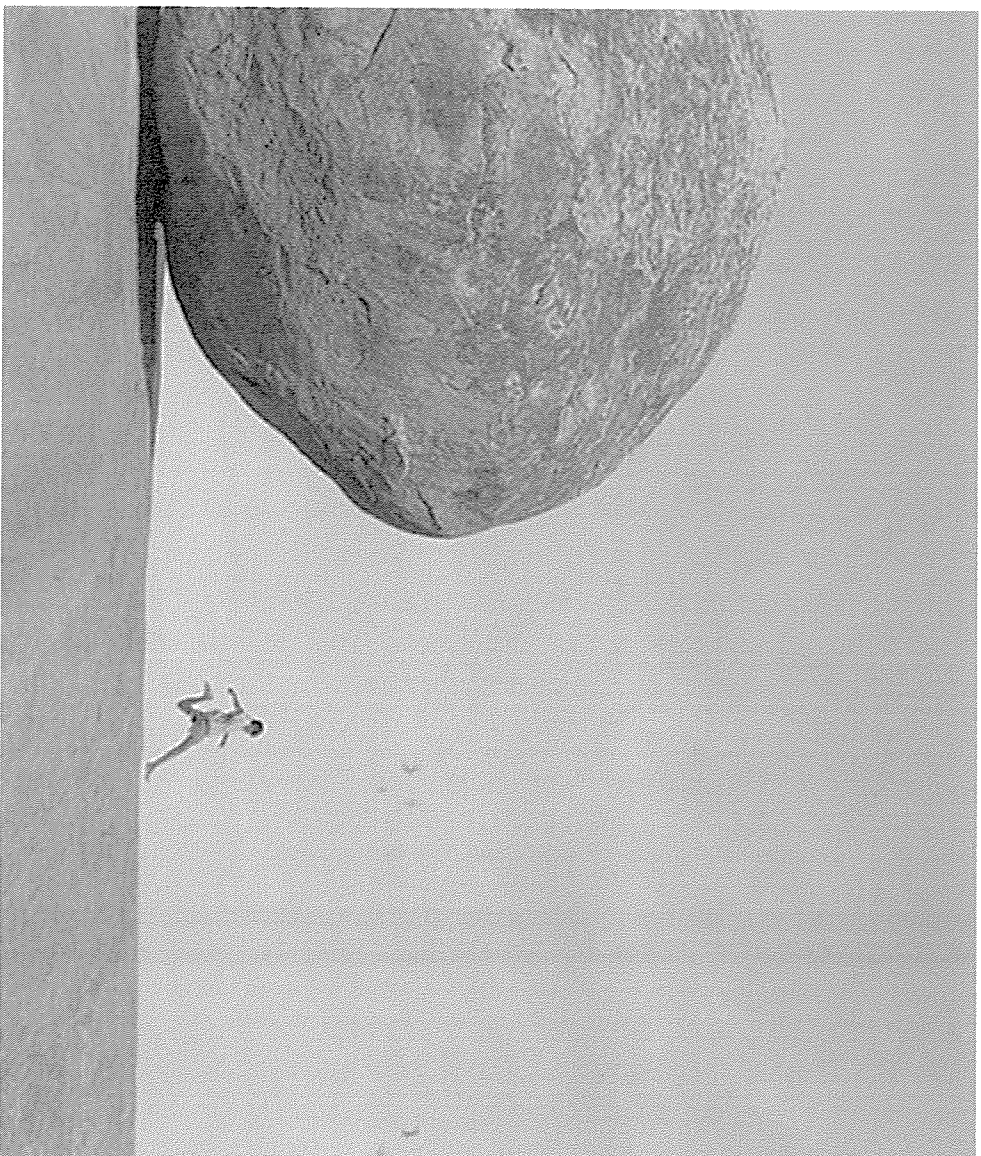
Draw a diagram of an animal of your choice. Label the physical adaptations the animal has developed to help them survive and thrive in their environment.

## History

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

## Story Starter!

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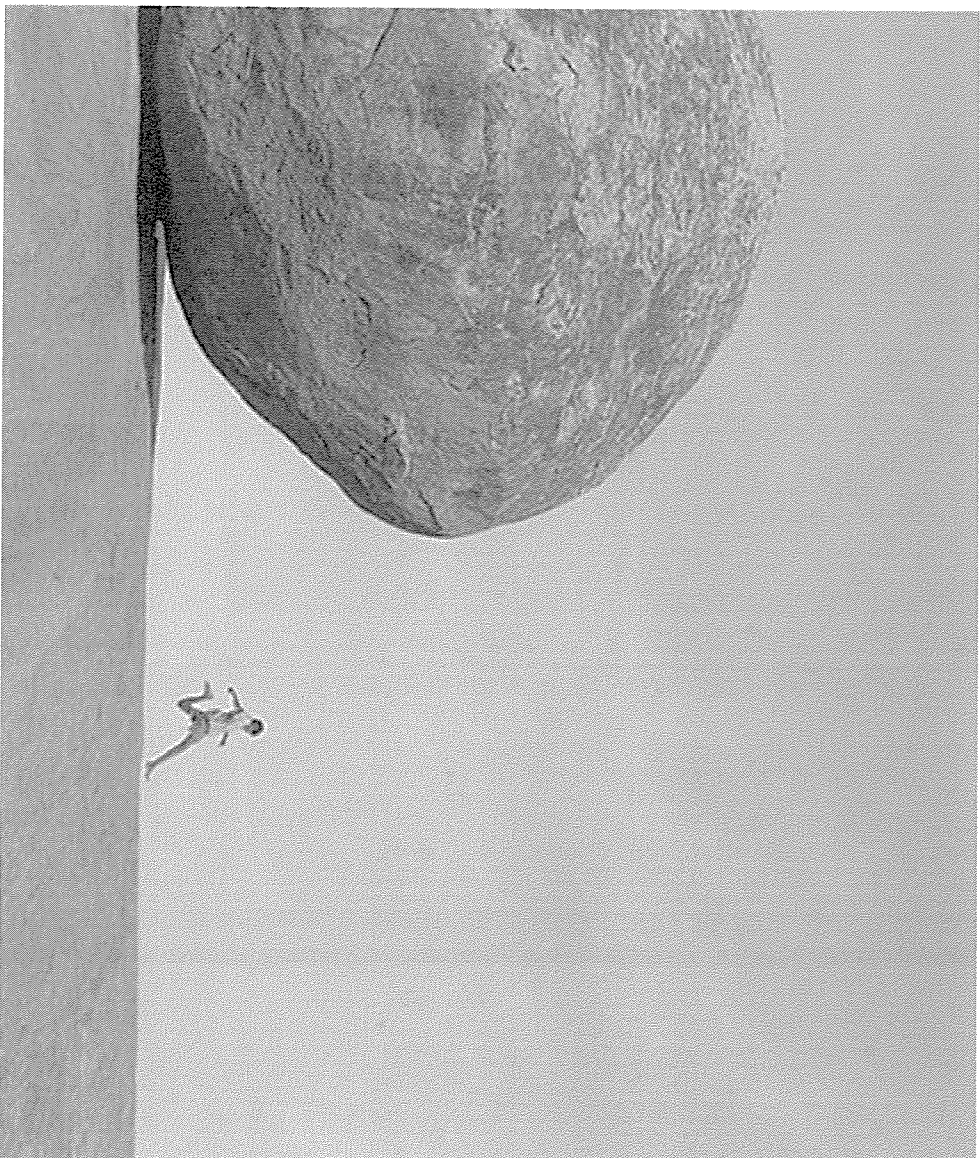


- ▶ Dad's home science experiment had gone horribly wrong! He had zapped the kids in the garden with his new  
**ELECTROZORBTASTICLASER JETBRAIN-GUN**, which was supposed to make his three children the smartest children in the entire world. Instead, the zap had back-fired, making Dad even more brainy, but the children...Extremely tiny!
- ▶ Stood in the middle of the garden path, they suddenly found themselves running as fast as they could away from a rolling pebble (which was actually tiny, but now seemed as big as a house).
- ▶ Can you continue the story?

## Sentence Challenge!

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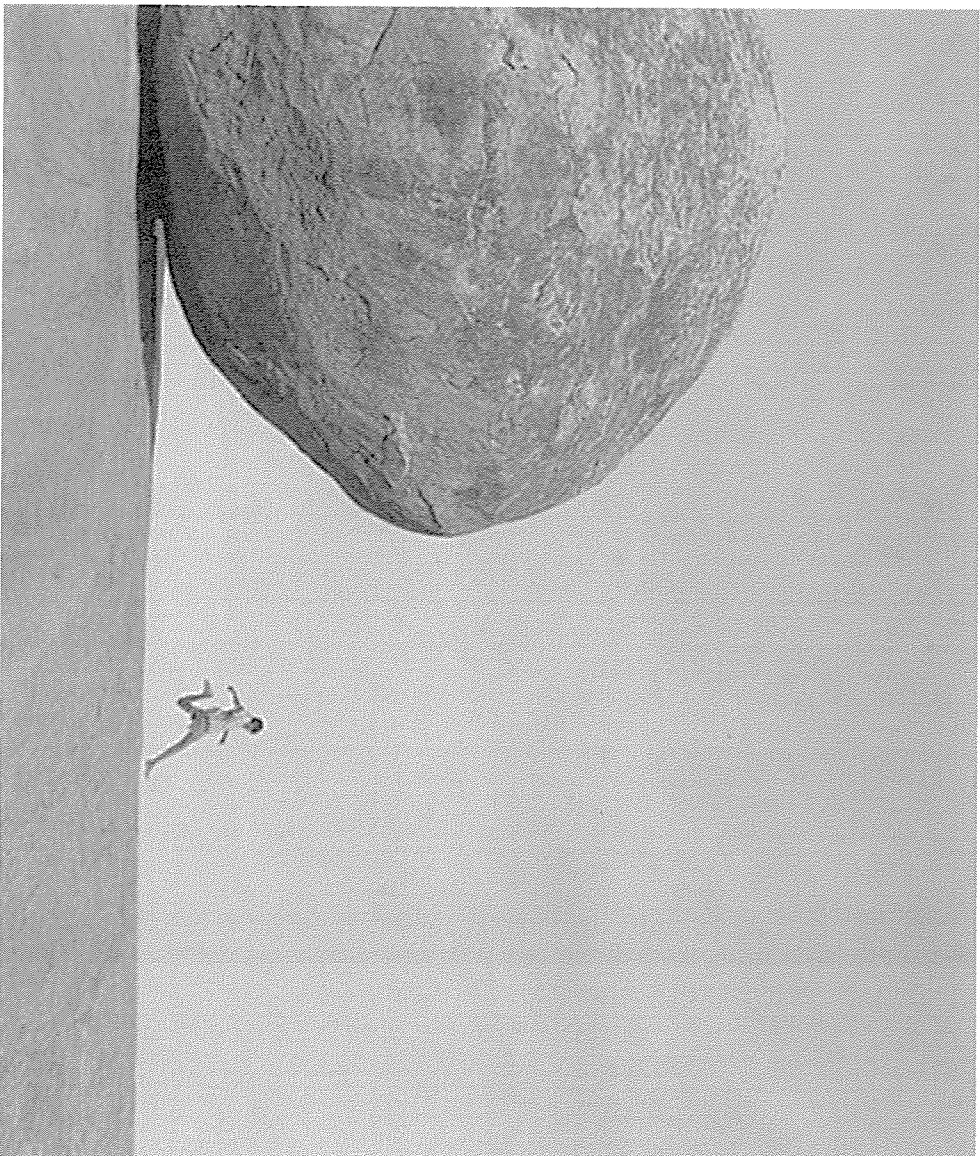
- ▶ When you finish your writing can you make a tally chart showing how many times you have used the following word classes: noun, adjective, verb, adverb.
- ▶ A noun is an object or thing. An adjective is a describing word. A verb is an action, and an adverb describes the verb.





## Question Time

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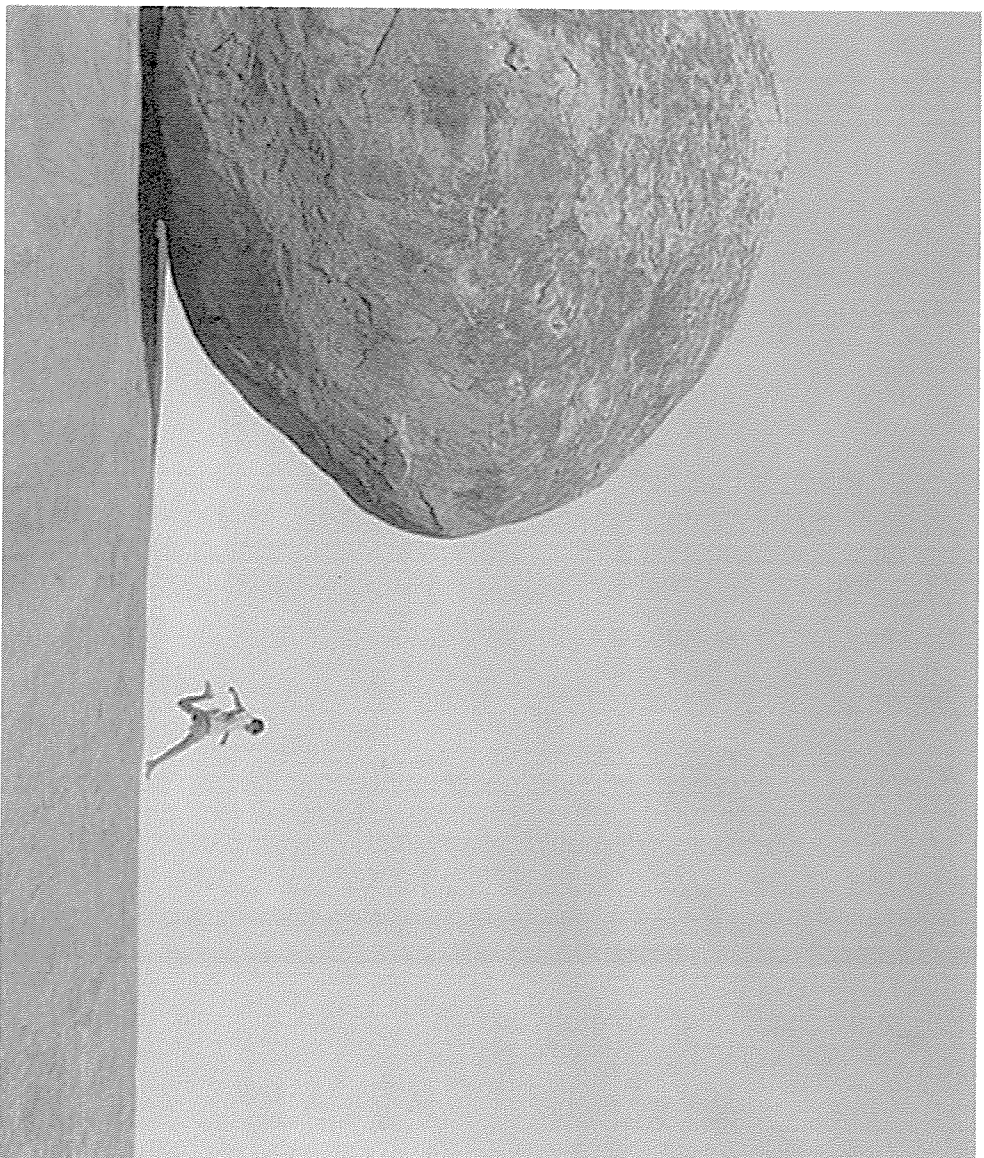
- ▶ What noise do you think the rock might be making as it rolls?
- ▶ How will the children escape?
- ▶ What else will the tiny children encounter?
- ▶ If you could have any super-power that could help people in some way, what would it be?
- ▶ Think about the giant pebble chasing the children. Have you ever been faced with a dangerous situation or a big problem?
- ▶ If so, how did you deal with it?
- ▶ What advice would you give to people when dealing with their problems?

## Sick Sentences!

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

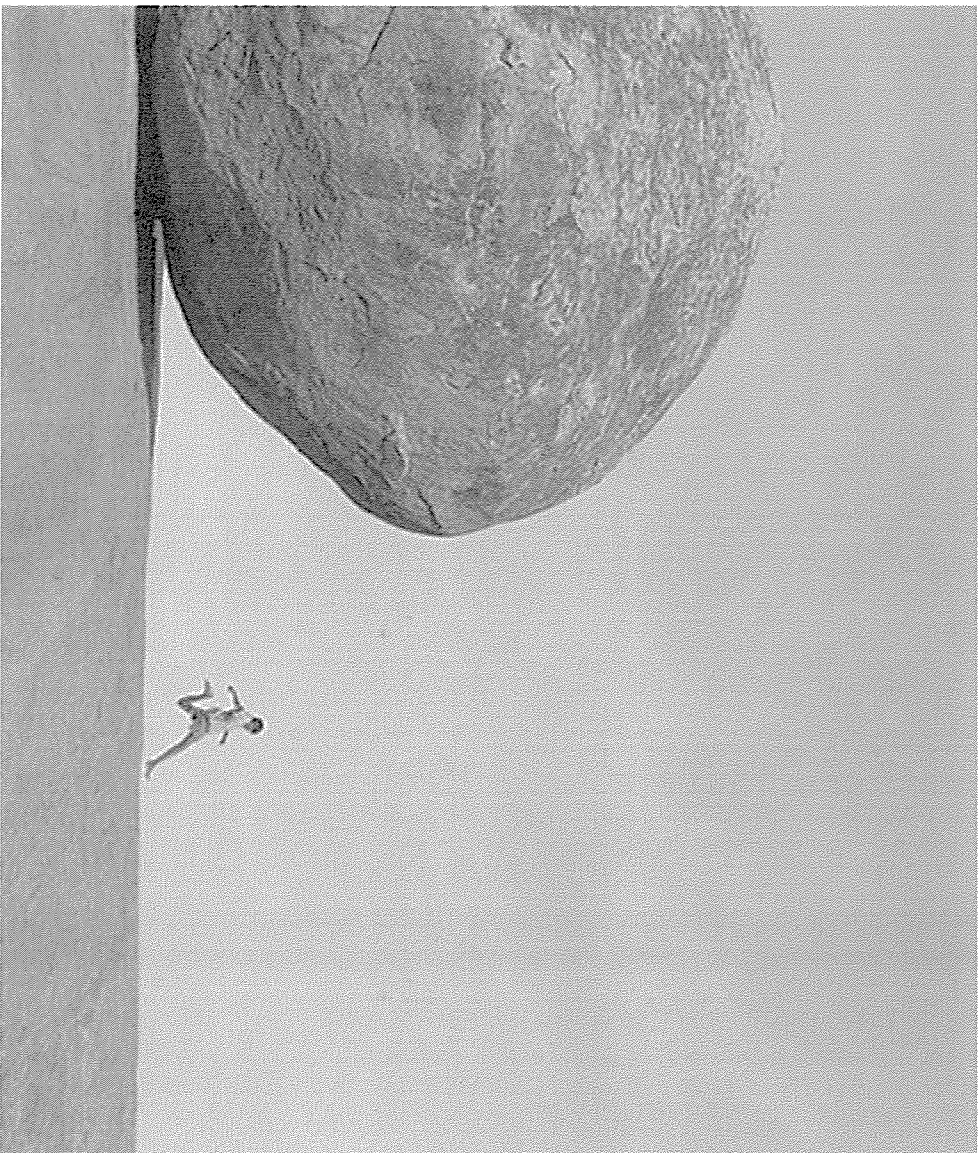
- ▶ The stone started to go. The children ran. They felt scared.



## Perfect Picture!

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Imagine you are one of the children. Can you draw what you might be able to see? Perhaps you are in the garden, or on the kitchen table, or inside somebody's lunch box! Remember: you're really small!





# Rainforest Deforestation

Rainforests are a very important part of our planet, giving us oxygen, absorbing carbon dioxide and giving a home to 50% of the animal and plant species of the planet. Not to mention the medicines and cures that are made from the plants that grow there.

## Deforestation

Deforestation is the name given to the destruction of the rainforests and this is being done by burning them down, chopping down the trees or flooding the areas. This is happening so fast that an area the size of twenty football pitches is being destroyed every minute! If this carries on at this speed, it will take less than a hundred years to destroy all the rainforests on Earth.



### Fact File in Numbers

- 20% of the world's oxygen is produced in the Amazon forest.
- 28,000 species of animals are expected to become extinct in the next 25 years due to deforestation.
- 50% of the tropical rainforests that we had have already gone.

## Why are they being destroyed?

The biggest reason for clearing the rainforests is to make space for producing food, including cattle to be farmed for cheap beef and also growing large crops, such as soya beans and palm oil. In addition, other causes of deforestation, which are also related to making money include: chopping down and using the wood from the forest; building roads for mining metals, gold or diamonds; flooding areas to make dams to generate electricity and also digging for oil.

## How can they be saved?

You could help by raising money for a deforestation charity. Also, you could think about the reasons that the forests are being destroyed and how you could help. For example, the cheap beef farmed in the areas that used to be rainforest land is often used in fast food chains. Could you avoid eating fast food from these outlets? You could also check on your supermarket food labels - was it farmed in an area where deforestation is taking place? You could also use rainforest friendly wood so you know it is not a product of deforestation. Finally remember, paper comes from trees so any paper saving you can do, as well as recycling, will help the environment.





# Questions about Rainforest Deforestation

1. Name a reason not to destroy rainforests given in the first paragraph.

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2. Name **one** of the three ways given that a rainforest can be destroyed.

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3. What does 'deforestation' mean?

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4. In the fact file, what does the word 'extinct' mean?

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5. Why does saving paper help the rainforests?

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6. Why has the author used an exclamation mark in paragraph two?

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7. What **fraction** of the earth's plant and animal species live in the rainforests?

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8. What is the main reason that rainforests are being destroyed?

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9. Which rainforest produces 20% of the world's oxygen?

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10. What is your opinion about deforestation? What could you do to try and help stop it?

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# Correcting Spelling Mistakes 4

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

1. The majishan pulled a rabbit out of his hat.
2. The brite sunshine made me squint.
3. She dried herself with a towle.
4. I hate waiting and can get very impaychent.
5. The girl's story was unbelevable.
6. I fell over and broosed my knee.
7. The oposishun won the soccer final.
8. It was a beautiful wedding serimony.


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

1. The reserch shows that it is important to exercise.
2. The likelihood of it raining tomorrow is considerably high.
3. We certainly don't want our actions to cause any distress.
4. We should reduce, reuse and recycle in order to help the enviroment.
5. I recently herd that the shopping centre is closing for repairs.
6. There was a loud comotion coming from the dining room.
7. I don't know weather to revise for my test or finish my essay.
8. It was impossible to recognise her when she wore her disguise.


Name \_\_\_\_\_

Date \_\_\_\_\_

# Aboriginal Interpretations of the Night Sky

Aboriginal peoples of Australia appear to be one of the first groups of humans to use the night sky to help them live their lives and enhance their culture and practices.

Answer the questions below by researching exactly how Aboriginal peoples used the night sky.

1. Give three examples of how Aboriginal peoples used the night sky to distinguish different times of the year.

a ) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

b ) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

c ) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. Give an example of how observations of the night sky were used for cultural purposes e.g. story telling.

\_\_\_\_\_

\_\_\_\_\_

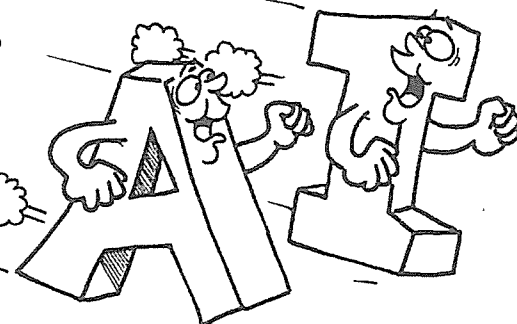
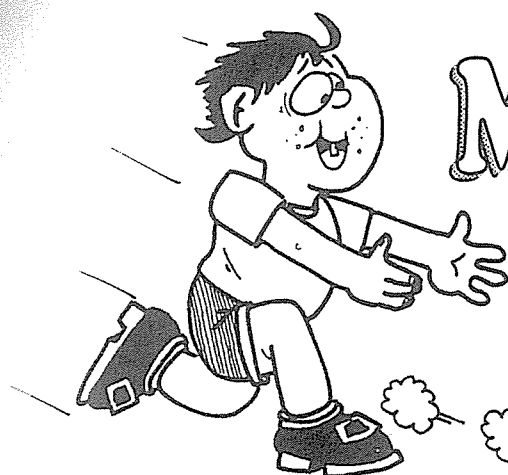
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# Missing Vowels



The vowels have been left out of the word list. Find the words in the sleuth and fill in the word list.

L	O	T	S	E	P	A	R	A	T	E	J	A	M	G	P	L	F
E	I	D	Y	T	R	E	P	O	R	P	R	C	N	C	U	S	L
R	M	Q	E	T	E	N	G	A	M	L	F	I	E	L	R	O	A
T	N	U	U	N	D	A	R	L	T	T	L	R	R	E	I	L	S
G	O	L	L	I	S	R	M	O	E	I	O	A	E	A	F	U	K
A	I	E	I	S	D	E	G	C	O	N	A	G	K	N	Y	T	E
S	T	N	D	G	I	A	N	B	W	U	T	U	A	R	U	I	S
E	A	S	I	T	H	E	I	I	C	R	I	S	E	N	D	O	T
S	R	S	L	Y	I	T	T	R	E	E	N	T	B	M	E	N	E
U	O	I	O	C	B	E	A	P	K	T	T	Y	A	P	N	G	L
R	P	D	S	C	M	F	O	R	P	A	R	E	A	R	S	N	B
F	A	U	D	U	G	H	L	A	M	W	B	H	R	E	I	I	U
A	V	S	L	I	C	E	F	M	A	S	S	I	C	T	T	T	L
C	E	O	K	M	N	E	V	L	O	S	S	I	D	L	Y	L	O
E	V	L	S	I	N	K	I	N	G	J	A	M	E	I	I	E	S
B	O	I	L	I	N	M	I	X	T	U	R	E	P	F	R	M	C

science ✓

m\_\_tt\_\_r

s\_\_l\_\_d

m\_\_xt\_\_r\_\_

s\_\_l\_\_t\_\_n

l\_\_q\_\_d

w\_\_t\_\_r

v\_\_l\_\_m\_\_

s\_\_nk\_\_ng

st\_\_ \_\_ m

sh\_\_p\_\_

g\_\_s\_\_s

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b\_\_ \_\_l\_\_ng

pr\_\_p\_\_rty

\_\_v\_\_p\_\_r\_\_t\_\_ \_\_ n

d\_\_ns\_\_ty

fl\_\_ \_\_ t\_\_ ng

m\_\_ss

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s\_\_l\_\_bl\_\_

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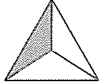
# 100 POINTS of family fun

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

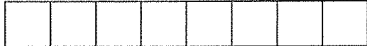
5 POINTS	5 POINTS	10 POINTS	10 POINTS	20 POINTS	20 POINTS	30 POINTS
Help clean up the kitchen after dinner.	Help prepare a family meal.	Read for 15 mins on your own.	Have a paper airplane contest.	Play a family board game.	Read a chapter book with an adult for half an hour	Create a quiz game for your 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.	Take 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 4

## NUMBER SET 1

1. Regroup 478 tens and 7 ones. \_\_\_\_\_
2. Regroup 7 098 to \_\_\_\_\_ tens and \_\_\_\_\_ ones.
3.  $2 + 2 + 2 + 2 =$  \_\_\_\_\_
4. Is  $4 + 4 + 4$  equal to  $4 \times 3$ ? Yes/No \_\_\_\_\_
5. Half of 200 is \_\_\_\_\_.
6.  $20 - 15 =$  \_\_\_\_\_
7.  $40 \div 8 =$  \_\_\_\_\_
8. Counting back by fives from 307, what is the second number you would say? \_\_\_\_\_
9. Which is larger,  $\frac{6}{10}$  or  $\frac{1}{2}$ ? \_\_\_\_\_
10. What is the value of 2 in 21 497? \_\_\_\_\_
11. What fraction of this shape is shaded? \_\_\_\_\_  

12. Take 30 from 80. \_\_\_\_\_
13. What is the total of 12 and 12? \_\_\_\_\_
14. Square 6. \_\_\_\_\_
15.  $8 \times$  \_\_\_\_\_  $= 48$
16. What is the cost of 6 at 3 for 45c? \_\_\_\_\_

## NUMBER SET 2

1. 
$$\begin{array}{r} 567 \\ + 165 \\ \hline \end{array}$$
2. 
$$\begin{array}{r} 289 \\ + 477 \\ \hline \end{array}$$
3. 
$$\begin{array}{r} 407 \\ - 204 \\ \hline \end{array}$$
4. Write 3 tens of thousands, 4 thousands, 6 hundreds, 7 tens and 5 ones as one number. \_\_\_\_\_
5. Half of 80 is \_\_\_\_\_.
6.  $30 \times 3 =$  \_\_\_\_\_
7. What is 5 less than 100? \_\_\_\_\_
8.  $\frac{1}{4}$  of \$1.00 is \_\_\_\_\_.
9. What is the value of 1 in 21 346? \_\_\_\_\_
10. How many sixths are there in 1? \_\_\_\_\_
11. Shade  $\frac{7}{8}$  of this shape:  

12. How many 10c coins equal \$5.50? \_\_\_\_\_
13. Counting on by 3s, what is the second number you would say after 396? \_\_\_\_\_
14. Complete this magic square.  

6	1	8
2		
15. What is the 10th letter of the alphabet? \_\_\_\_\_

## Working Mathematically



If I put 5c in a box on Monday and then doubled the amount each day for one week, how much would be in the box?  
 Explain how you reached your answer.

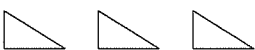
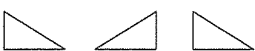



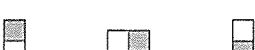

## MEASUREMENT

- 237 cm = \_\_\_\_\_ m \_\_\_\_\_ cm
- 1.83 m = \_\_\_\_\_ cm
- 30 minutes = \_\_\_\_\_ h
- 0.75 h = \_\_\_\_\_ min
- 1.5 decades = \_\_\_\_\_ years
- 1990 had \_\_\_\_\_ days.
- Spring includes the months of:  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
- Spring has \_\_\_\_\_ days.
- Nancy turns 11 years old this year.  
In what year was she born? \_\_\_\_\_
- Nancy's mother turns 36 years old  
this year. In what year was she  
born? \_\_\_\_\_

## SPACE

- Squares tessellate, but circles don't.  
What does 'tessellate' mean?  
\_\_\_\_\_  
\_\_\_\_\_
- Can a triangle tessellate? \_\_\_\_\_
- What other shapes can tessellate?  
\_\_\_\_\_  
\_\_\_\_\_

A shape can *flip*, *slide* or *turn* to create a pattern. Which are used in these patterns?

-  \_\_\_\_\_
-  \_\_\_\_\_
-  \_\_\_\_\_
-  \_\_\_\_\_
-  \_\_\_\_\_
-  \_\_\_\_\_
-  \_\_\_\_\_



## Working Mathematically

Estimate which letter of the alphabet is most commonly used in a page of writing. To test your estimate, use this page or a page from a book, a magazine or a newspaper.

See What is the problem asking?

Plan How will you solve this?



Do Working

Letter	Tally	Total

Check Was your estimate correct?

## EVALUATION



Number

Set 1

Set 2

Measurement

Space

Things I liked \_\_\_\_\_

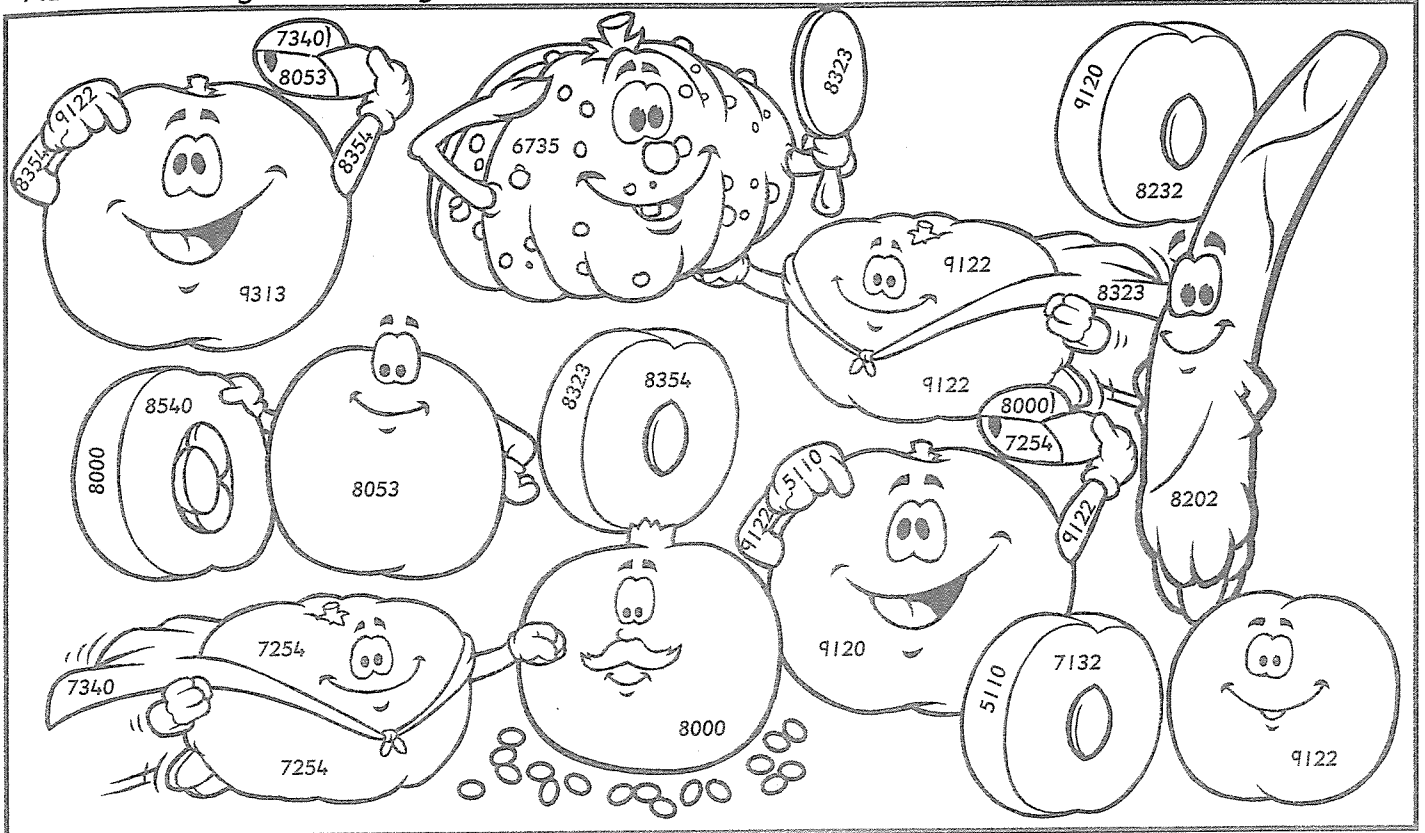
Things I found difficult were \_\_\_\_\_

**Name:**

**Write 6 sums  
of your own  
for your friend.**

**ON THE  
BACK**

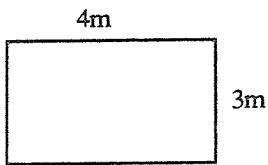
### Addition ~ 4 digits ~ Trading



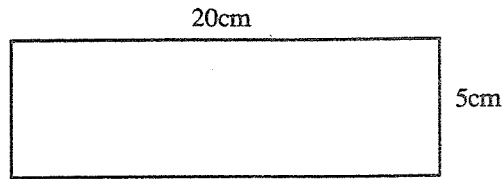
Look for the numbers more than once and colour the picture.

<p>blue</p> $\begin{array}{r} 5407 \\ +2795 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 6883 \\ +2430 \\ \hline \end{array}$	<p>red</p> $\begin{array}{r} 5635 \\ +3487 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 4547 \\ +3776 \\ \hline \end{array}$	<p>purple</p> $\begin{array}{r} 1796 \\ +4939 \\ \hline \end{array}$
<p>pink</p> $\begin{array}{r} 4466 \\ +2666 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 3588 \\ +3666 \\ \hline \end{array}$	<p>black</p> $\begin{array}{r} 3764 \\ +3576 \\ \hline \end{array}$	<p>brown</p> $\begin{array}{r} 2658 \\ +2452 \\ \hline \end{array}$	<p>rainbow</p> $\begin{array}{r} 3959 \\ +4094 \\ \hline \end{array}$
<p>red</p> $\begin{array}{r} 5868 \\ +2486 \\ \hline \end{array}$	<p>yellow</p> $\begin{array}{r} 6756 \\ +1476 \\ \hline \end{array}$	<p>blue</p> $\begin{array}{r} 5987 \\ +2553 \\ \hline \end{array}$	<p>green</p> $\begin{array}{r} 4637 \\ +3363 \\ \hline \end{array}$	<p>orange</p> $\begin{array}{r} 6744 \\ +2376 \\ \hline \end{array}$

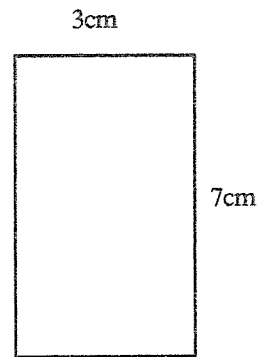




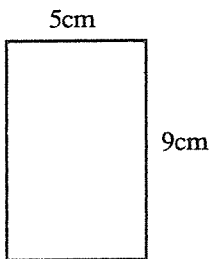
Perimeter = \_\_\_\_\_



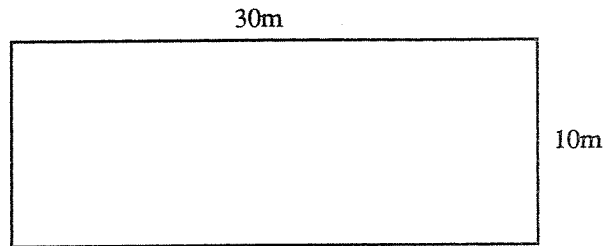
Perimeter = \_\_\_\_\_



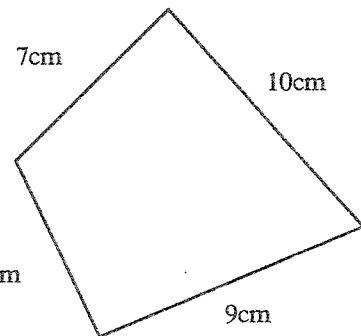
Perimeter = \_\_\_\_\_



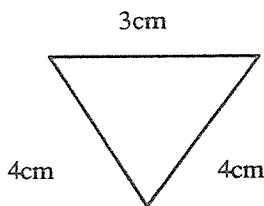
Perimeter = \_\_\_\_\_



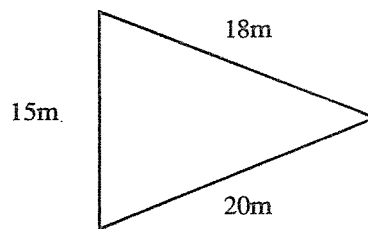
Perimeter = \_\_\_\_\_



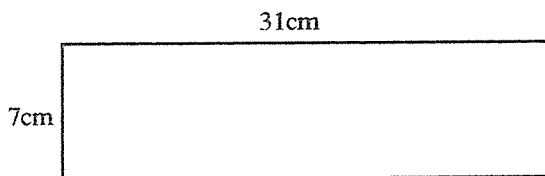
Perimeter = \_\_\_\_\_



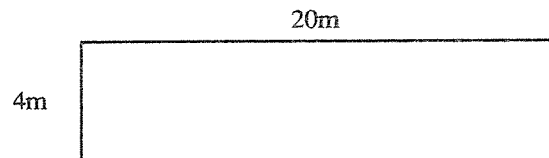
Perimeter = \_\_\_\_\_



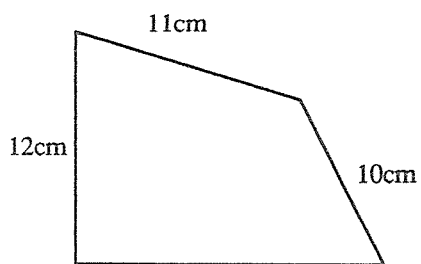
Perimeter = \_\_\_\_\_



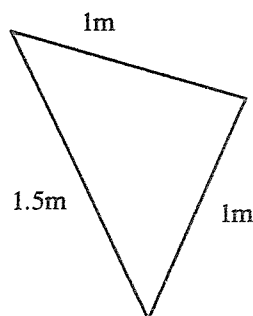
Perimeter = \_\_\_\_\_



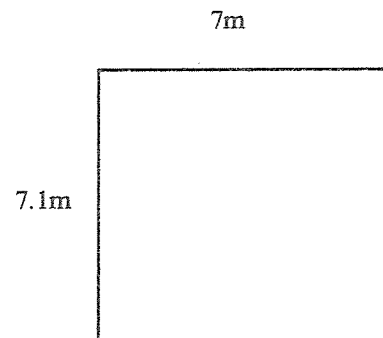
Perimeter = \_\_\_\_\_



Perimeter = \_\_\_\_\_



Perimeter = \_\_\_\_\_



Perimeter = \_\_\_\_\_

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?
- 
- 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?



