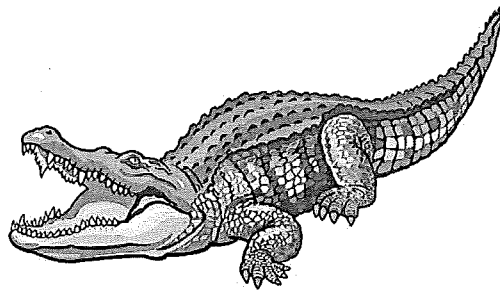
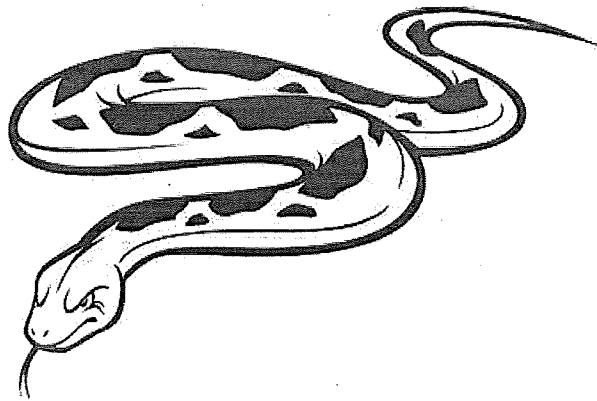
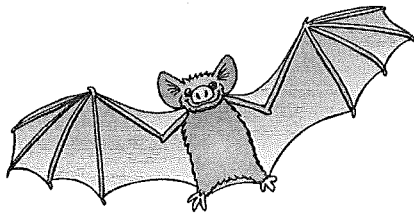


Year Six

Learning Pack

Set 4



Name:

Class:

Year Six Work Package.

For the next two weeks, your work pack contains the following. This is a guide only, and you may do activities on different days.

If you find something too difficult, and nobody can help you, it is okay to move on. Just do your best. 😊

PS: The ANSWERS are at the back or throughout the pack.

Monday	
English	Maths
<ul style="list-style-type: none">• Daily 10• Reading Comprehension• Writing Activity	<ul style="list-style-type: none">• Daily 10• Algorithms
Tuesday	
English	Maths
<ul style="list-style-type: none">• Daily 10• Spelling ('Look, Cover, Write, Check' words and start activity sheet in pack)	<ul style="list-style-type: none">• Daily 10• Quick Facts• Maths Lesson
Wednesday	
English	Maths
<ul style="list-style-type: none">• Daily 10• Reading Comprehension• Writing Activity	<ul style="list-style-type: none">• Daily 10• Algorithms
<ul style="list-style-type: none">• Science: Layers of the Earth activities. You can also do some online research on this if you like.	
Thursday	
English	Maths
<ul style="list-style-type: none">• Daily 10• Spelling ('Look, Cover, Write, Check' words and complete the same activity sheet in pack)	<ul style="list-style-type: none">• Daily 10• Quick Facts• Maths Lesson
Friday	
English	Maths
<ul style="list-style-type: none">• Reading and Writing Activity	<ul style="list-style-type: none">• Algorithms• Problem Solving
Health: Please also complete health pages on Friday.	

MONDAY

Set 4

Set 4 Daily 10 Monday

ENGLISH

Write down the answers to these questions in your book.

The answers are provided at the end.

Question 1

An idiom is an expression that we use in friendly conversations. Their meanings cannot be taken literally.

Choose the meaning for the following idiom.

• **IDIOM** – You are barking up the wrong tree...

- A. You are chasing a cat
- B. You are trying to escape a bad situation
- C. You have no idea of what is happening
- D. You are looking in the wrong place

Question 2

Homophones are words that are pronounced the same **BUT** have different meanings and different spellings.

Are any pairs of words homophones?
If so, which ones?

- A. through – threw
- B. wait – weight
- C. grate – great
- D. hail – hale
- E. All of the above

Question 3

There are two apostrophes.
One for Contractions to replace a letter or letters and another to indicate the possessive case.

Which sentences use an apostrophe incorrectly?

- A. Joe's brother said we can't stop now.
- B. She'll move if your're behaved.
- C. The dog's owner told me she'd lost it.
- D. Now, we'll see who's the winner.
- E. None of them

Question 4

Correlative Conjunctions are used in pairs to join equal grammatical items together.

Choose the best answer to complete the sentence?

The broken branch was both chopped off _____ placed into the large composting bin to ensure that no other children would be hurt.

- A. or
- B. but
- C. and
- D. but

Question 5

A **complex sentence** contains an independent clause and at least one dependent clause.

Choose the sentence that identifies the dependent clause.

- A. Seeing as it was new growth, the reef guardians wanted to protect and keep the coral clean.
- B. Even though it was bleached, the reef won't necessarily die this season.
- C. The coral reef was dying, because of the pesticides and global warming.

Question 6

Write the correct spelling for the TWO words incorrectly written or used.

Emily Rodda writes imaginative and adventurous stories that are set in magicle lands that see real.

Question 7

Choose the two correct **words** to use an apostrophe of possession with. Ensure you place them correctly.

Tigers legs are powerful and deadly. An animals chance of survival is increased if they can dodge the tiger.

Question 8

Place the letters A, B, C in the order that they need to go to correctly finish the sentence.

The summer suns _____ had enough warmth in them to enable the farmer to _____ his crops, but a failure of any rains caused him to _____ them to the ground.

- A. raise
- B. raze
- C. rays

Question 9

Subject and Verb agreement.

When a phrase comes between the subject and verb, the verb has to agree with the subject, NOT with the noun or pronoun in the phrase.

Which sentence is correct?

- A. The birthday boy, along with his friends, are anxious for the party to stop.
- B. The child, along with his brothers, is waiting for the bus to arrive.
- C. The parents, along with the principal, is anxious for the school year to end.

Question 10

Words we often confuse:

weather + whether, lesson + lessen

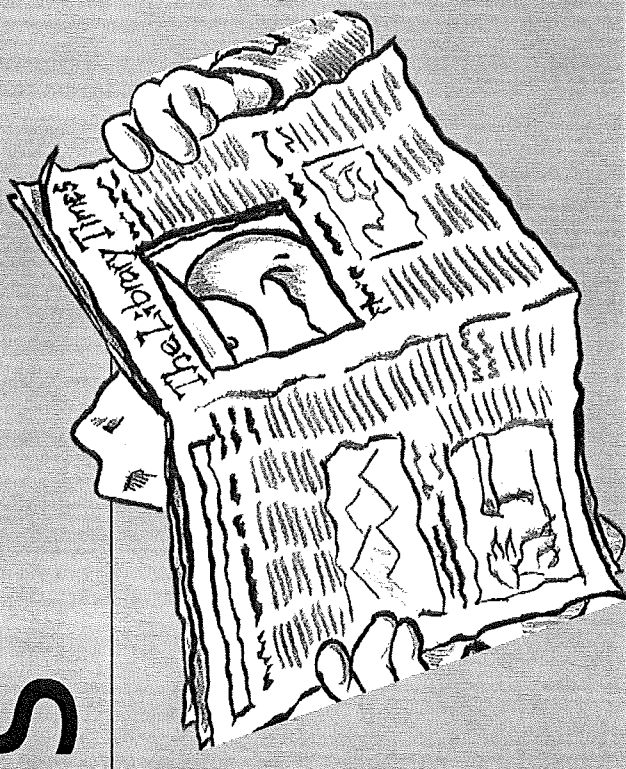
Which sentences are correct?

- A. Whether we go or not depends on today's lessen.
- B. The weather today will lesson in intensity.
- C. I'll go weather the storm lessens or not!
- D. The bad whether has a lesson about being prepared.
- E. None of the above.

ANALYSING NEWS REPORTS

Reading and Writing

Monday set 4



Blanc Rock Times

Python Swallows Wallaby Whole.

Are Cairns python's becoming a problem?

17/04/2019.

reporter; Bianca Nero.

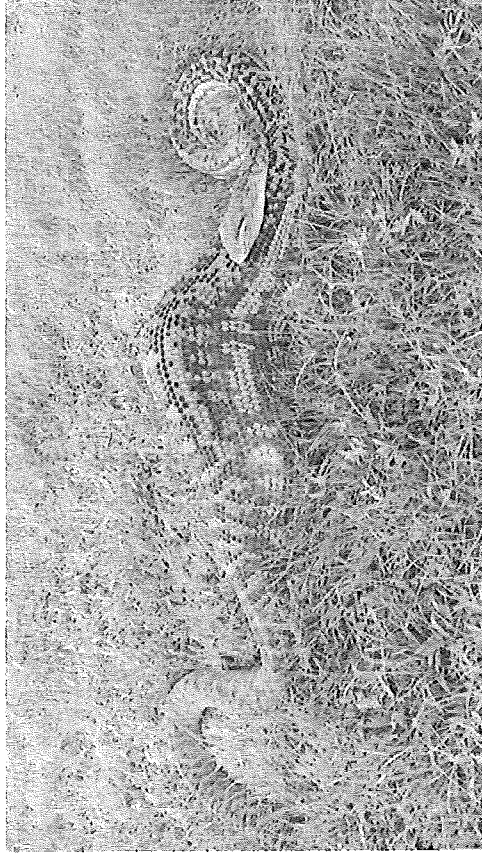
White Rock residents are at odds this week over the whereabouts of a 5.5m snake. The large Amethystine python was discovered on a clearing between houses on Giffen Road. The python was originally mistaken for a crocodile, as it had recently swallowed a wallaby, giving it a thicker than usual middle section. However, it was what happened afterwards that has divided White Rock residents: Local snake handlers relocated the python to a nearby creek.

Resident Karen Noway was not impressed by this decision.

"Why would they just put it back down the road? It **will** be back within a matter days. That was a **ridiculous** and **irresponsible** decision. It was an **enormous** snake and it **absolutely should have** been put into an enclosure or **killed**. Swallowing a wallaby is one thing, but if that reptile took my dog, I **would** want it killed. And what about kids playing in the creek? It **could** take a child."

Ms Noway went on to point out that a much larger snake than this was found several years ago in Kuranda. "These scrub pythons are usually 5-7m long, but they can grow to over 8 meters. Seeing as that is about six 10-year-olds end to end, it's not hard to imagine one of these monsters eating one of my children!"

However not all residents share Ms Noway's view. Mark Serpant, whose property was very close to the where the snake was found, thinks residents like Ms Noway are over reacting.



"I think some people **are being** a bit **dramatic** about this python. They are **beautiful** creatures, and pythons that make it to that size must be **admired and protected**. It may be because Ms Noway is new to Cairns and isn't really familiar with these reptiles, but they were here long before us. They **need** to be protected."

Mr Serpant went on to explain that as the suburb of White Rock continues to expand, the Amethystine pythons habitat is becoming smaller. "**You have to** realise that we are living in *their* back yard. They are innocent, and as we are the intruders, we should expect to lose a chicken or two. It's part of living in Far North Queensland."

"Besides, they are not venomous, and it is extremely rare for a human to be killed by a python"

Ms Noway responded to Mr Serpant's remarks by pointing out that 'rare' is not impossible.

"I know a professional snake catcher, and he told me he had hundreds of household pets have been taken by pythons in Cairns. My dog better not be that horrid things next meal!"

Mr Serpant suggested that Ms Noway put her dog in an enclosure.

Whatever the answer is to Cairn's python population is, one thing is clear; for now it's Mr Serpant and the python 1, Ms Noway 0.

will be ridiculous irresponsible enormous absolutely should have killed I would it could are being

dramatic beautiful admired and protected need you have to

Answers
 (because it's tricky!)

These are the word that I highlighted in the text with **BOLD** font. Can you sort them into modal verbs, verbs and adjectives.

will be ridiculous irresponsible enormous absolutely should have killed I would it could are being
 dramatic beautiful admired and protected need you have to not impressed

modal verbs degree of certainty	Verbs action verbs	Adjectives Descriptive words
will be	not impressed	ridiculous
absolutely <i>should have</i>	killed	irresponsible
will be	admired	enormous
i would	protected	dramatic
are		beautiful (creatures)
you have to		

There is a full size version of this in your package/file.

Please look at it carefully

with the instructions I have written here. You will need to know how I have done this so that you can

- complete a cloze activity.

- Complete one on your own with a new article.

Scaffolding for News Report Analysis			
Topic	Cymon removal		
Headline	Fymon Swallows Python Whole		
Source	Blanc Book Times		
Media Platform	Newspaper		
Date	17th May, 2019		
Main Idea	Swallowing python out of town		
Audience	local residents of Cymon		
People and Roles	Name	Role	
Reporter	Blanca Nara	Reporter	
	Karen Nara	Resident who wants snakes moved away	
	Mark Serpent	Resident who thinks snakes should be left alone.	
Persuasive Language	FOR AGAINST Neutral Removing snakes		
Reporter	residents are of odd		
Blanca Nara	snake was removed		
Subjective/neutral	python ate walleye		
Interviewee	not impressed (verb)		
Karen Nara	it will be back (modality)		
For/objective	delicious and irresistible decision (adjectives)		
	amazing snake (adjective)		
	absolutely should have (modality) been put into an enclosure		
	(noun) or killed (verb).		
Interviewee	I would (modality) want it killed (verb)		
	it could (modality) take a child.		
	disgusting (modality) a bit dramatic (adjective) about this		
	Cymon.		
Mark Serpent	beautiful creature (adjectives)		
Against/objective	quite a admitted and protected (verb)		
	They need (modality) to be protected."		
Concluding Notes	You have to protect them that we are living in their back yard.		
	I think Cymon should be kept because....		
	or (Mark Serpent's argument makes more sense, it's less emotive and more persuasive.)		

This part show you the who what when and why.... It is pretty easy.

This part looking at what persuasive language is being used.

I have looked at what each person has said and what side they are on. I have also said if it was a verb, adjective, modality etc. If you are unsure that is okay. We will go over this at school 😊

This is a summary of your opinion.

Cloze Activity

- On the next slides is the RESPONSE that I have written about the article. This is similar to what you will be doing.
- Read it carefully and fill in the missing words. I have done this to make sure you read it carefully! 😊

On 17th May 2019 _____ wrote a newspaper article in _____ about a 5.5m amethystine _____ that was spotted in _____ Road. The python was spotted by local _____, who had different opinions about the removal of the snake. The snake was relocated in local area. Some people in the community argued that it should be left alone and others thought that the snake should be _____ or killed.

Two residents were interviewed to find out their opinions. _____ was in favour of the snake being removed far away or even killed. _____, who was also interviewed thought that the snake should not have been removed.

Scaffolding for News Report Analysis		
Topic	Python removal	
Headline	Python Swallows Python Whole	
Source	Blind Back Times	
Media Platform	newspaper	
Date	17 th May, 2019	
Main Idea	Snake Swallowed Relocated out of town	
Audience	local residents of Cairns	
People and Roles	Name	Role
	Blanca Nield	Reporter
	Caron Bowden	Resident who wants snakes moved away
	Marie Sargent	Resident who thinks snakes should be left alone.

(full size version is clearer)

Persuasive Language	FOR AGAINST Neutral Removing snakes
Reporter Stanica Nera Subjective/neutral	residents are of course snake was removed python are healthy
Interviewees Karen Nava For objective	not impressed (verb) it will be back (modality) delicious and inexpensive, delicious (adjectives) enormous snake (adjective) oooooooooooo should have (modality) been put into an enclosure (noun) or killed (verb) I would (modality) want it killed (verb) it could (modality) take a while oooooooooooo (modality) are dramatic (adjective) about this python beautiful creatures (adjectives) oooooooooooo admired and protected (verbs) they need (modality) to be protected You have to ooooooooooooo that we are living in their back yard I think ooooooooooooo support because.... or [Mark Serpent's argument makes more sense, it is less emotive and more persuasive]
Interviewees Mark Serpent Against/ objective	
Concluding Notes	

The parts in *italics* are telling the reader what effect the words of the person being interviewed are having. How the person is trying to persuade the readers.

_____ does not agree with the relocation. She has used verbs such as 'not impressed' and adjectives such as, 'ridiculous and _____. 'Ridiculous and irresponsible are highly emotive words used to appeal to our fears to persuade the reader. _____ uses an adjective, 'enormous' to describe the snake. She uses this to make us scared of the size. She used high modality such as, 'it will be back' to convince us to accept her point of view. She uses low m _____ such as, 'it could take a _____' to also persuade us to accept her argument.

Mr _____ on the other hand had a very different opinion. He used adjectives such as 'b _____' and verbs such as 'admired and _____' to describe the python. These show that he is biased towards protecting the p _____. He also used modality such as 'have to' and 'are being' to support his arguments, and uses the verb group 'over- _____' to describe Ms _____.

Although I dislike pythons, I think that Mr Serpent's arguments are more per _____. He is less emotive and explains the reasons for protecting snakes better.

Scaffolding for News Report Analysis

Topic	python removal	
Headline	Python Swallows Python Whole	
Source	Blanc Rock Times	
Media Platform	newspaper	
Date	17 th May, 2019	
Main Idea	Should pythons be moved out of town?	
Audience	local residents of Cairns	
People and Roles	Name	Role
	Bianca Nero Karen Noway Mark Serpent	Reporter Resident who wants snakes moved away Resident who thinks snakes should be left alone.
Persuasive Language	FOR, AGAINST, Neutral Removing snakes	
Reporter Bianca Nero Subjective/neutral	<i>residents are at odds</i> <i>snake was removed</i> <i>python ate wallaby</i>	
Interviewee Karen Noway For/objective	not impressed (verb) It will be back (modality) ridiculous and irresponsible decision. (adjectives) enormous snake (adjective) absolutely should have (modality) been put into an enclosure (noun) or killed (verb). I would (modality) want it killed (verb) It could (modality) take a child.	
Interviewee Mark Serpent Against/objective	are being (modality) a bit dramatic (adjective) about this python. beautiful creatures, (adjectives) must be admired and protected . (verbs) They need (modality) to be protected." You have to (modality) realise that we are living in <i>their</i> back yard.	
Concluding Notes	I think Karen Noway that is correct because.... or (Mark Serpent's argument makes more sense, is less emotive and more persuasive.)	

Set 4 Daily 10 Monday

MATHS

Write down the answers to these questions in your book.

The answers are provided at the end.

Question 1

A square number is the product of a number multiplied by itself.

What is the following number?

24

SQUARE OR NOT SQUARE

Question 2

$$\square \div 1.75 = 15.5$$

Question 3

$$2.4 + 2.04 + 2.01 = \square$$

6.44 6.41 6.45 6.48

Question 4

Beau has these four number cards.

4 0 1 3

Use all four cards

What is the closest number to $13 \frac{1}{4}$

--	--	--	--

Question 5

A mystery shape has the following dimensions:-

2.5m length, 2m width, and 6m depth

What is the volume of the shape?

Remember the formula :- $\text{Volume} = L \times W \times H$

**Question 6**

Information YOU should know

To multiply or divide by 10 or 100 or 1000

Just move the decimal point according to the number of zeros

Either Left or Right depending on \times or \div

$$40.0 \div 1000 =$$

Question 7

Fractions of a whole?

What is $\frac{4}{6}$ of 180

Question 8

MIXED and IMPROPER fractions.

Convert $4\frac{2}{6}$ into a improper fraction

Question 9

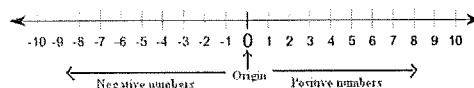
Use fractions with an operator.

$$\frac{7}{12} - \frac{4}{12} =$$

Question 10

POSITIVE and NEGATIVE integers.

$$-3 - -4 =$$



Monday Set 4

1.

$$\begin{array}{r} 645247 \\ + 999999 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 647148 \\ - 525723 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 765 \\ \times 43 \\ \hline \end{array}$$

4.

$$5 \overline{) 88.956}$$

5.

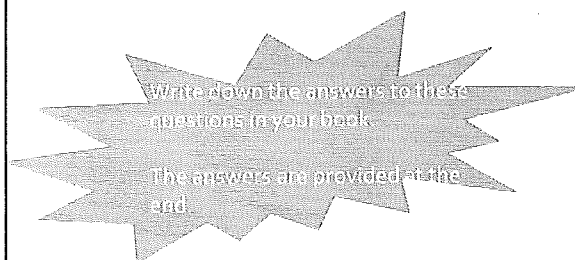
$$\begin{array}{r} 46.5 \\ \times 36 \\ \hline \end{array}$$

TUESDAY

Set 4

Set 4 Daily 10 Tuesday

ENGLISH



Question 1

An idiom is an expression that we use in friendly conversations. Their meanings cannot be taken literally.

Choose the meaning for the following idiom.

• **IDIOM** – Be in the same boat

- A. To go paddling in a canoe
- B. Be in the same situation
- C. To agree with another's point of view
- D. To have an argument – sink their idea

Question 2

Homophones are words that are pronounced the same **BUT** have different meanings and different spellings.

Are any pairs of words **NOT** homophones?
If so, which ones?

- A. altar - alter
- B. prince – prints
- C. groan - grown
- D. hair – hare
- E. rose – rows

Question 3

There are two apostrophes.
One for Contractions to replace a letter or letters Another to indicate the possessive case.

Which sentences use the apostrophes incorrectly?

- A. It won't work again as its broken.
- B. A rat's tail doesn't grow any hair on it.
- C. My friend's earring comes loose every time shes' tried to complete a somersault.
- D. The guide dog's training isn't going to be completed in time.

Question 4

Correlative Conjunctions are used in pairs to join equal grammatical items together.

Choose the best answer to complete the sentence?

"It is neither going to hurt, _____ cause any discomfort," said the scary looking nurse, as she plunged the huge needle into my arm.

- A. nor
- B. or
- C. and
- D. but

Question 5

A complex sentence contains an independent clause and at least one dependent clause.

Choose the sentence that identifies the dependent clause.

- A. As she wasn't finished, Georgina decided to stay and complete her homework.
- B. As she wasn't finished, Georgina decided to stay and complete her homework.
- C. As Georgina wasn't finished, she decided to stay and complete her homework.

Question 6

Write the correct spelling for the TWO words incorrectly written or used.

Jeff Kinney writes humorous stories for children who love silliness and mischevious behaviour from the characters in the story's they read.

Question 7

Choose the THREE correct words to use an apostrophe of possession with. Ensure you place them correctly.

All the students pencils that were purchased were HB leads, enabling them to be used in the schools NAPLAN tests, which Queensland's Education Department require all Year 3 and 5 children to complete.

Question 8

Place the letters A, B, C in the order that they need to go to correctly finish the sentence.

A navy boat has _____ types of motors, one electric and the other diesel, _____ ensure that it never become stranded when it's going _____ complete a mission.

- A. too
- B. two
- C. to

Question 9

Subject and Verb agreement.

Subjects and Verbs MUST agree in number.
Which sentence/sentences are correct?

- A. A cat fur are smooth as they lick it clean.
- B. A cat's fur is smooth as they lick it clean.
- C. A cat fur is smooth as they lick it clean.
- D. A cat's fur are smooth as they lick them clean.

Question 10

Words we often confuse – scent, sent, cent

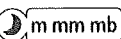
Which sentence/sentences are correct?

- A. The rubbish bin didn't have a nice cent.
- B. The rubbish was sent to Mareeba for recycling.
- C. The plastic rulers didn't cost a sent.
- D. The rubbish was scent to the Council tip.
- E. We washed the rubbish bins with a nice scent.

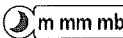


List Words

stomach
commonly
camera
complaint
undamaged
examine
extremely
majority
solemnly
immense
mature
ambulance
estimation
cemeteries
commandment
recommence
competition
material
accompanied
menagerie
preliminary
resemblance
embarrassment
unmentionable
combustion

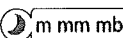
1 Colour the graphemes that represent  in the List Words.

2 Go to the List Words for Unit 16. Count the sounds and identify all the graphemes in each List Word.

3 Write any other letters that can represent  on the Grapheme Chart. Write one word example for each.

4 Colour the graphemes representing  in these words.

lamb solemnly plumber circumnavigate
tomb column chimney combustion
limb autumn resemblance embarrassment

5 Rewrite these List Words adding the missing graphemes for .

stoach _____ coonly _____ undaaged _____
iense _____ extreely _____ estiation _____
ature _____ ceeteries _____ enagerie _____
exaine _____ coplaint _____ recoence _____

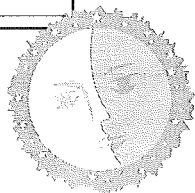
6 Colour all the digraphs in the following words.

stomach solemnly extremely estimation commandment
examine ambulance cemeteries competition resemblance
immense complaint menagerie combustion accompanied
mature commonly undamaged recommence unmentionable

7 Study the information in the box. Complete the table. Finish the sentences with words from the table.

★ When using some adjectives to compare people, things or situations, sometimes adding *er* and *est* is not appropriate. We do not say *beautifuller*, *beautifulest*. Instead we use the words *more* and *most* with the adjectives, for example *This sunset is beautiful. Last Saturday's sunset was even more beautiful but Wednesday's was the most beautiful of all.* Comparatives compare two. Superlatives compare three or more.

Adjectives	Comparatives (2)	Superlatives (3 or more)
comfortable	more comfortable	most comfortable
mature	more mature	
common		most common
competitive	competitive	competitive
embarrassed	embarrassed	most



The natural fibres, cotton and linen, are _____ to wear than synthetic fibres.
I have never felt _____ than when I fell off the stage during the concert.
My brother is the _____ swimmer in our club. He wants to win all the time.

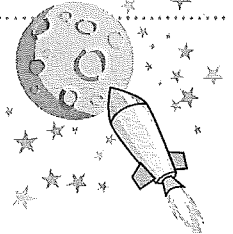
8 Colour code one word part from each column to form List Words.

cam	emn	ra
comm	e	blance
sol	sem	ment
com	and	ly
re	bus	ly
comm	on	tion

ma	dam	lance
ex	comm	ly
ex	bu	ine
am	treme	re
re	am	ence
un	tu	aged

9 Select words from the box to write under the Latin roots and meanings from which they have developed. Use your dictionary to help.

magnify	remember	migrant	memory	minority
minute	magnificent	manual	manuscript	migrate



magnus – great	manus – the hand	memor – mindful	migro – I wander	minor – small

10 Number these words 1, 2, 3 in each column to show alphabetical order.

___ accompanied	___ cemeteries	___ ambulance	___ estimation	___ majority
___ accidental	___ complaint	___ ambulatory	___ extremely	___ mature
___ accompaniment	___ competition	___ ambitious	___ examine	___ material

Challenge Colour the List Words which follow each other, down one column and up the next. Number the synonyms to match the words in the order that you find them. The first two words are done for you.

Start here!

Synonyms

___ most	1 cloth
___ huge	___ tummy
___ restart	___ inspect
___ contest	___ burning
2 escorted	___ seriously
___ unspoiled	___ generally
___ similarity	___ graveyards
___ full-grown	___ assessment
___ zoo (small)	___ unspeakable
___ awkwardness	___ introductory
___ dissatisfaction	___ extraordinarily

m	r	e	e	d	e	r	n	i	c	e	e	n	r	e	s	e	n
a	t	m	g	e	g	i	o	r	c	m	m	t	o	s	n	m	m
t	x	e	a	x	a	e	i	e	y	e	n	i	t	e	e	a	y
e	e	l	m	a	n	m	t	c	r	t	u	o	n	m	m	t	l
r	a	y	a	m	e	c	i	o	a	e	n	n	e	b	m	u	n
i	d	n	d	i	m	o	t	m	n	r	o	a	m	l	i	r	o
a	e	c	n	n	d	m	e	m	i	i	i	b	s	a	y	e	m
l	i	o	u	e	y	p	p	e	m	e	t	l	s	n	l	s	m
a	n	m	n	l	t	l	m	n	i	s	a	e	a	c	n	t	o
c	a	b	o	m	i	a	o	c	l	l	m	e	r	e	m	o	c
c	p	u	i	a	r	i	c	e	e	e	i	m	r	s	e	m	h
o	m	s	t	j	o	n	t	p	r	s	t	b	a	o	l	a	c

★ Read unused letters left to right horizontally.

Hidden Words _____

Set 4 Daily 10 Tuesday

MATHS

Write down the answers to these questions in your book

The answers are provided at the end

Question 1

A composite number has more than 2 factors.

What is the following number?

35

PRIME or COMPOSITE

Question 2

$$120 \times 1.5 =$$



Question 3

Information YOU should know

To multiply or divide by 10 or 100 or 1000

Just move the decimal point according to the number of zeros

Either Left or Right depending on \times or \div

$$34.56 \div 100 =$$

3.456 34.56 345.6 .3456

Question 4

Wazanna has these four number cards.

7 0 1 5

Use all four cards

What is the closest number to $17 \frac{2}{4}$



Question 5

A mystery shape has the following dimensions:-

3 cm length, 3 cm width, and 3 cm height

What is the volume of the shape?

What is the name of the shape?

Remember the formula :- $\text{Volume} = L \times W \times H$

cm³

It is called a

Question 6

Volume – conversions

Information YOU should know

1000 millilitres = 1 litre

1,000,000 litres = 1 megalitre

What fraction of a litre is 750 millilitres?

litre

Question 7

Fractions of a whole?

What is $\frac{4}{7}$ of 280

Question 8

Use fractions with an operator.

$$\frac{1}{4} + \frac{3}{4} =$$

Question 9

A rectangle has an area of 28 square metres.

If the width is 4 metres, what then is the length?

W = 4 m

A = 28 m²

L = ?

Length = metres

Question 10

Which shape/s have ONLY one line of symmetry?



A.



B.



C.



D.

Maths Mastery

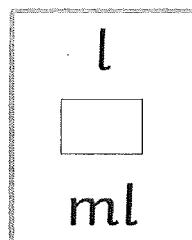
Convert Between Different
Units of Measure

Converting between millilitres and litres

Measurement conversions

Capacity

1 litre = 1000 millilitres



Converting between millilitres and litres

To convert from litres to millilitres, you need to times by 1000.

An easy way to calculate it is moving the decimal place to the right for every '0' there is (there are three zeros in 1000).

For example:

$$5.6\text{l} \times 1000 = 5.600 = 5600\text{ml}$$

3 zeros so move
the decimal place
3 places to the
right

Converting between millilitres and litres

For example:

To convert 2.5l to millilitres. $2.5\text{l} \times 1000 = 2500\text{ml}$.

To convert 5.75l to millilitres. $5.75\text{l} \times 1000 = 5750\text{ml}$.

To convert 0.57l to millilitres. $0.57\text{l} \times 1000 = 570\text{ml}$.

To convert 6.78l to millilitres. $6.78\text{l} \times 1000 = 6780\text{ml}$.

Converting between millilitres and litres

To convert from millilitres to litres, you need to divide by 1000.

An easy way to calculate it is moving the decimal place to the right for every '0' there is (there are three zeros in 1000).

For example:

$$6400\text{ml} \div 1000 = 6400.0\text{ml} = 6.4\text{l}$$

3 zeros so move
the decimal place
3 spots to the left

Converting between millilitres and litres

For example:

To convert 6500ml to litres. $6500\text{ml} \div 1000 = 6.5\text{l}$.

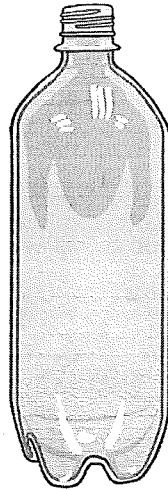
To convert 7800ml to litres. $7800\text{ml} \div 1000 = 7.8\text{l}$.

To convert 3400ml to litres. $3400\text{ml} \div 1000 = 3.4\text{l}$.

To convert 450ml to litres. $450\text{ml} \div 1000 = 0.45\text{l}$.

Capacity Litres

Complete this table.



Millilitres (ml)	Litres (l)
	0.45
3700	
6930	

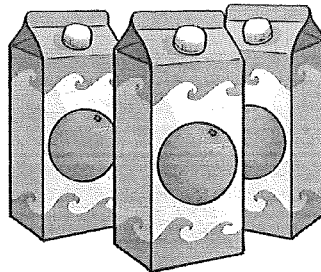
Which is larger?

340ml or 3.4 litres

5600ml or 0.56 litres

**Have a go at the word problem then
complete the worksheet: "Converting
between litres and millilitres."**

A teacher makes a mixed fruit juice drink, pouring three 750ml cartons of juice into a large jug. What is the volume of the mixed juice drink in litres?

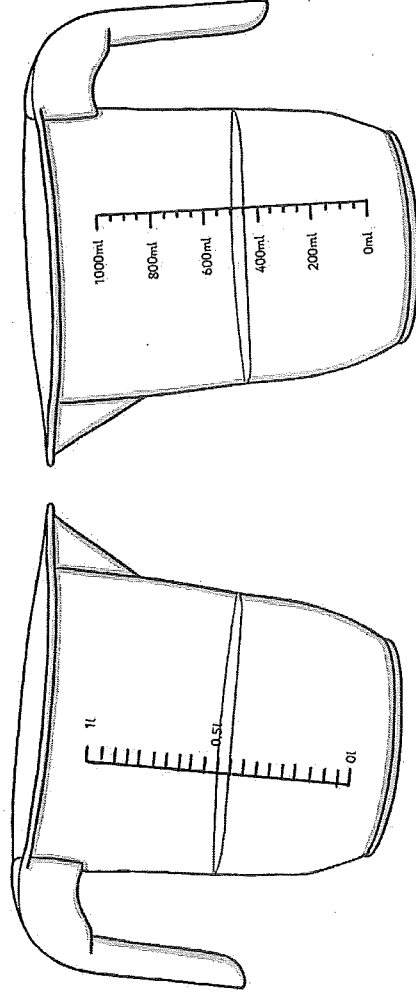


Converting Between Litres and Millilitres

LO: I can convert between different units of metric measure

One chef only has jugs labelled in litres; another only has jugs labelled in millilitres.

Complete the tables below help the chefs by converting litres into millilitres, and millilitres into litres.



1.	Litres	Millilitres
	0.252	
	0.633	
	0.191	
	0.721	
	0.725	
	0.71	
	0.583	
	0.595	
	0.625	
	0.244	

2.	Litres	Millilitres
	1.929	
	1.308	
	7.717	
	2.59	
	2.031	
	8.53	
	4.103	
	6.924	
	4.531	
	5.007	

3.	Litres	Millilitres
		175
		57
		292
		462
		366
		334
		517
		689
		212
		185

4.	Litres	Millilitres
		7055
		4059
		3096
		8684
		8219
		7139
		2607
		2010
		3400
		6311

5.	Litres	Millilitres
		216
		128
	0.23	
	0.158	
		764
	0.163	
	0.765	
		999
		454
	0.841	

6.	Litres	Millilitres
		1054
	5.447	
	9.277	
		5915
		7347
	7.729	
		9685
	6.604	
	9.449	
		4554

Wednesday

Set 4

Set 4 Daily 10 Wednesday

ENGLISH

Write down the answers to these questions in your book

The answers are provided at the end

Question 1

An idiom is an expression that we use in friendly conversations. Their meanings cannot be taken literally.

Choose the meaning for the following idiom.

• **IDIOM** – I feel like a fifth wheel

- A. I need to change the flat tyre now!
- B. I need to eat food.
- C. I am not needed in this group.
- D. Where is my steering wheel?

Question 2

Homophones are words that are pronounced the same BUT have different meanings and different spellings.

Are any pairs of words homophones?
If so, which ones?

- A. through – threw
- B. tuff – tough
- C. higher – hire
- D. haul – hall
- E. All of the above

Question 3

There are two apostrophes.
One for Contractions to replace a letter or letters and another to indicate the possessive case.

Which sentences use an apostrophe incorrectly?

- A. I'm sure you're not seriously hurt!
- B. My friend's claimed it wasn't my responsibility.
- C. The dog's bark wasn't worse than its bite.
- D. We'll look for the athlete's winning medal.
- E. None of them.

Question 4

Correlative Conjunctions are used in pairs to join equal grammatical items together.

Choose the best answer to complete the sentence?

Taipan snakes are both extremely aggressive _____ fatally deadly.

- A. or
- B. but also
- C. and
- D. either

Question 5

A **complex sentence** contains an independent clause and at least one dependent clause.

Choose the sentence that identifies the dependent clause.

- A. As the polar ice caps are melting, environmentalists claim that global warming is happening now.
- B. Huge chunks of polar ice have collapsed, because of the increase in the earth's temperature.
- C. Seeing as it is slowly warming up, whole sections of polar ice are going to disappear.

Question 6

Write the correct spelling for the TWO words incorrectly written or used.

Terry Denton is the author, illustrator who inspired numerous children to have a go at creating their own books.

Question 7

Choose the two correct **words** to use an apostrophe of possession with. Ensure you place them correctly.

A papers edge is amazingly painful and annoying. Your fingers skin is rather delicate – isn't it.

Question 8

Place the letters A, B, C in the order that they need to go to correctly finish the sentence.

The _____ of the book launch was a _____ to be amazed at. There were hundreds of reporters there who can now _____ sections of text from the new story.

- A. sight
- B. cite
- C. site

Question 9

Subject and Verb agreement.

When a phrase comes between the subject and verb, the verb has to agree with the subject, NOT with the noun or pronoun in the phrase.

Which sentence is correct?

- A. The cute puppy, along with her parents, are adorable to look at.
- B. The 4.5m crocodile, as well as other creatures, is going to be culled in Cairns.
- C. The dedicated rangers, along with the Council, are ready to protect our rainforest.

Question 10

Words we often confuse:

knot + not, road + rode

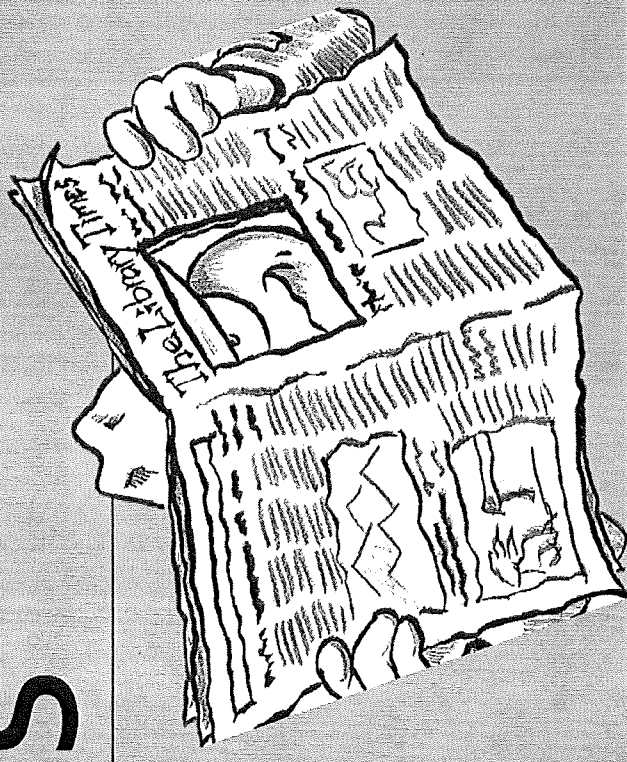
Which sentences are correct?

- A. The jockey rode the horse after undoing the not.
- B. A not in the rope can make you trip on the road.
- C. It was knot my fault that he rode a horse.
- D. Untying a knot in a rope is a magician's trick.

ANALYSING NEWS REPORTS

Reading and Writing

Wednesday set 4



Today your task is to read the crocodile article (a larger copy is in you package/file), highlight some of the key information and fill out the BLANK TEMPLATE (a larger copy is in you package/file also)

REMEMBER to look at
the package from
MONDAY on how to do
this. It will help.

Remember to put the verbs, adjectives, modality and anything else the person says to persuade the reader.

Scaffolding for News Report Analysis		
Topic		
Headline		
Source		
Media Platform		
Date		
Location		
Audience		
People and Roles	Name	Role
Relevant Language Reporter	FOR AGAINST Neutral	
Interviewee		
Interviewee		
Concluding Notes		

Blanc Rock Review

Cairns Crocodiles: Locals killing locals.

Edward Veddar. 21st of May 2020.

Two and half million tourists visit Far North Queensland every year. With the peak tourist season on its way, hundreds of coastal locations will be counting on the dollars these tourists bring to Cairns. But the recent increase in crocodile sightings and two fatal attacks in the last 12 months, are impacting holiday bookings and tourist numbers. According to FNQ Tourism Board boss, Alex Skinner, the recent rise in crocodile reports is crippling the tourism industry. He is calling for a crocodile-culling program to start immediately. Erica Greene from the 'Croc Protection Group' claims that research shows that this won't work.

Ms Greene stated yesterday that the idea of culling all captured crocodiles is ridiculous and cruel.

"The crocodiles are doing what they have been doing for millions of years. They are important apex predators and are vital to the ecosystem. If you swim in crocodile territory, you are a potential meal. The crocodile is just doing what it was born to do. They are the true locals. It's humans who must change their behaviours".

Mr Skinner has a very different opinion though, and believes people should come first.

"Most people are aware that crocodiles are a risk in many areas of North Queensland. However camping areas, waterholes and popular fishing areas that were always considered safe are becoming increasingly dangerous. Crocodiles are ruining our region. We must take action. When we have fatal crocodile attacks, or even just close calls, more tourists decide to holiday somewhere else. Tourism in the Daintree area went down 10 per cent after a fatal attack near Cape Tribulation."

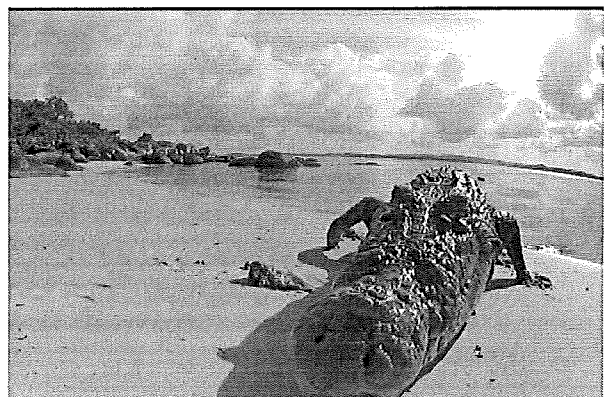
Ms Green responded to the Tourism CEO's comments by pointing out that it would make very little difference, as you can never give tourist a 100% guarantee that they will be safe.

"Whether there are ten crocodiles in an area or just one, we cannot guarantee people's safety. When you take a croc out of area, another male can move in and claim that territory. If an area was considered safe 20 years ago, it's because crocodiles were nearly hunted to extinction. Bloodthirsty hunters nearly wiped out these innocent, prehistoric survivors. We must not push the crocodile towards extinction again... just to keep a few tourists happy. If you ask me, people are stupid for swimming in Northern Australian waters. Locals and tourists need stick to swimming pools."

But according to Mr Skinner the money made by the tourism industry will continue suffer if changes aren't made.

"The tourism industry brings in millions of dollars to the local community each year. It is very important. This money pays the wages for everyone from cleaners and cooks, to divers and drivers. For many people tourism is their main income and we must protect them. We need an immediate solution to the disastrous consequences crocodiles are having on people lives and livelihoods."

Members of the community will be meeting at the Cairns Convention Centre to discuss the issue of culling crocodiles with local government officials. Judging by the differing opinions offered by Mr Skinner and Ms Greene, the debate will be a heated one. ..



Scaffolding for News Report Analysis

Topic		
Headline		
Source		
Media Platform		
Date		
Main Idea		
Audience		
People and Roles	Name	Role
Persuasive Language	FOR, AGAINST, Neutral	
Reporter		
Interviewee		
Interviewee		
Concluding Notes		

Set 4 Daily 10 Wednesday

MATHS

Write down the answers to these questions in your book.

The answers are provided at the end.

Question 1

A square number is the product of a number multiplied by itself.

What is the following number?

25

SQUARE OR NOT SQUARE

Question 2

$$\square - 1.25 = 3.75$$

Question 3

$$1.23 + 1.23 + 1.23 = \square$$

3.60 3.69 3.96 4.00

Question 4

Cindy has these four number cards.

9 2 0 9

Use all four cards

What is the closest number to $8\frac{3}{4}$



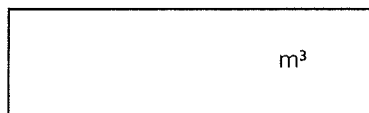
Question 5

A mystery shape has the following dimensions:-

3.25m length, 2m width, and 2m depth

What is the volume of the shape?

Remember the formula :- Volume = $L \times W \times H$



Question 6

Information YOU should know

To multiply or divide by 10 or 100 or 1000

Just move the decimal point according to the number of zeros

Either Left or Right depending on \times or \div

$$1.7 \div 100 =$$

Question 7

Fractions of a whole?

What is $\frac{2}{6}$ of 42

Question 8

MIXED and IMPROPER fractions.

Convert $3\frac{2}{6}$ into a improper fraction

Question 9

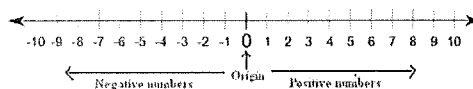
Use fractions with an operator.

$$6\frac{4}{5} - 4\frac{2}{5} =$$

Question 10

POSITIVE and NEGATIVE integers.

$$9 - 3 =$$



Wednesday Set 4

$$\begin{array}{r}
 1. \quad \begin{array}{r} 5 \ 3 \ 2 \ 6 \ 8 \ 7 \\ + \ 8 \ 7 \ 5 \ 6 \ 4 \ 5 \\ \hline \end{array} \\
 2. \quad \begin{array}{r} 9 \ 4 \ 2 \ 6 \ 7 \ 8 \\ - \ 5 \ 7 \ 5 \ 2 \ 9 \ 3 \\ \hline \end{array} \\
 3. \quad \begin{array}{r} 4 \ 9 \ 3 \\ \times \quad 6 \ 4 \\ \hline \end{array}
 \end{array}$$

$$\begin{array}{r}
 4. \quad \begin{array}{r} 3 \overline{) 8 \ 5 \ . \ 7 \ 2 \ 6} \\ \hline \end{array} \\
 5. \quad \begin{array}{r} 2 \ 5 \ . \ 4 \\ \times \quad 5 \ 7 \\ \hline \end{array}
 \end{array}$$

THURSDAY

Set 4

Set 4 Daily 10 Thursday

ENGLISH

Write down the answers to these questions in your book.

The answers are provided at the end.

Question 1

An idiom is an expression that we use in friendly conversations. Their meanings cannot be taken literally.

Choose the meaning for the following idiom.

- **IDIOM** – To jump down your throat
- A. Luckily there is no room!
- B. To scream at someone suddenly
- C. To be a doctor
- D. You are lost and terrified

Question 2

Homophones are words that are pronounced the same **BUT** have different meanings and different spellings.

Are any pairs of words homophones?
If so, which ones?

- A. we are – we're
- B. shoe – sue
- C. pearl – peel
- D. bate – bait
- E. scene – seen
- F. None of the above

Question 3

There are two apostrophes.
One for Contractions to replace a letter or letters and another to indicate the possessive case.

Which sentences use an apostrophe incorrectly?

- A. I'll stop yelling when you've completed the work.
- B. My dad told me that sharks teeth aren't sharp.
- C. Both the girls responses weren't accurate.
- D. The child's cries weren't very loud.

Question 4

Correlative Conjunctions are used in pairs to join equal grammatical items together.

Choose the best answer to complete the sentence?

The broken door wasn't my fault, _____ I did see how it happened.

- A. nor
- B. or
- C. but
- D. also

Question 5

A complex sentence contains an independent clause and at least one dependent clause.

Choose the sentence that identifies the independent clause.

- A. The roof was all yellow, because the painter wasn't paying attention.
- B. Even though the roof was brown, the principal wasn't happy.
- C. As the roof was old, the principal wanted to paint the roof.

Question 6

Write the correct spelling for the TWO words incorrectly written or used.

Emily Rodda has written many creative and adventurous stories that are enjoyed by thousands of people.

Question 7

Choose the two correct words to use an apostrophe of possession with. Ensure you place them correctly.

All of the sharks teeth are dangerous and sharp enough to go through a divers wetsuit.

Question 8

Place the letters A, B, C in the order that they need to go to correctly finish the sentence.

The chef had to _____ off the out layer of rind and then cut the oranges into a _____ and mix them with the _____ salad.

- A. pair
- B. pare
- C. pear

Question 9

Subject and Verb agreement.

Two singular subjects joined by either/or & neither/nor must have a singular verb.

Which sentences are correct?

- A. Joel and Chris is not permitted to enter the competition.
- B. Neither Frank nor Reece is entering the competition.
- C. Candice and Shirley are not entering the competition.

Question 10

Words we often confuse – to, too, two

Which sentences are correct?

- A. The huge, hungry dogs ate their food two.
- B. The too cute, grey cats chased the little woollen ball.
- C. The mouse ran to the corner and escaped the cat.
- D. None of the above.

Set 4 Daily 10 Thursday

MATHS

Write down the answers to these questions in your book.

The answers are provided at the end.

Question 1

A square number is the product of a number multiplied by itself.

What is the following number?

17

SQUARE OR NOT SQUARE

Question 2

$$\square - 1.25 = 15.25$$

Question 3

$$202.6 + 202.06 + 202.11 = \square$$

606.67 606.77 606.76 600.77

Question 4

Liam has these four number cards.

6 7 2 1

Use all four cards

What is the closest number to $18 \frac{1}{4}$

--	--	--	--	--

Question 5

A mystery shape has the following dimensions:-

50 cm width, 40 cm height, and 3 cm depth

What is the volume of the shape?

Remember the formula :- Volume = $L \times W \times H$



Question 6

Information YOU should know

To multiply by 10 or 100 or 1000

Just move the decimal point according to the number of zeros

Either Left or Right depending on \times or \div

$$1000 \times 0.9 =$$

Question 7

Fractions of a whole?

What is $\frac{3}{5}$ of 25

Question 8

MIXED and IMPROPER fractions.

Convert $3\frac{2}{5}$ into a improper fraction

Question 9

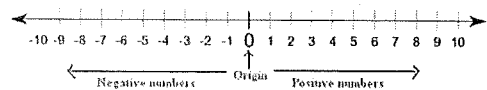
Use fractions with an operator.

$$8\frac{7}{12} - 5\frac{2}{12} =$$

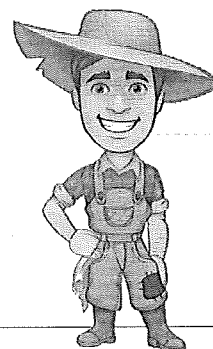
Question 10

POSITIVE and NEGATIVE integers.

$$-6 + 3 =$$



Maths Investigation: Farmer Arthur



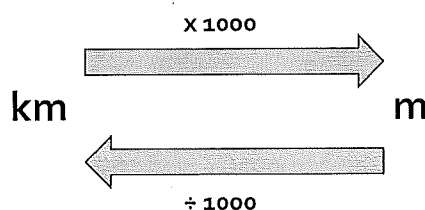
IMPORTANT INFORMATION YOU WILL NEED!!!!!!

Measurement conversions

Length

1 kilometre = 1000 metres

km



CONVERTING METRES TO KILOMETRES

The lesson we did on converting between millilitres and litres will help you converting between metres and kilometres. They are both times and divide by 1000 to calculate the conversion.

For example:

5400ml  5.4l

5400m  5.4km

FARMER ARTHUR NEEDS TO GET FIT.

Farmer Arthur needs to get fit and is running around different areas of his farm each day. He needs your help to work out how far he has run each day. The first place he runs to is the chicken shed. He runs there 3 times. The distance to the chicken shed = 2km 500m.

Running 'Track'	Number of times	Number sentence	Total as a decimal
Chicken shed	3 times		

We will calculate it on the next slide

Chicken shed	2km 500m

FARMER ARTHUR

- We have all the information we need to calculate the answer. However, we need to change some of the measurements so that they are easy to calculate.

- Change the 2km 500m to one unit of measurement (e.g. km or m). I'm going to convert it to kilometres. 500m converted to km = 0.5km.
- $2\text{km} + 0.5\text{km} = 2.5\text{km}$. So the distance to the chicken shed is 2.5km. He completed the run 3 times.
- $3 \times 2.5\text{km} = 7.5\text{km}$
- We can now fill in the missing information on our table for farmer Arthur.

Chicken shed	2km 500m

Running 'Track'	Number of times	Number sentence	Total as a decimal
Chicken shed	3 times	$3 \times 2.5\text{km}$	7.5km

FARMER ARTHUR

Lets try another one. This time, farmer Arthur is running on the dusty road. He runs down this road for 40 minutes. Every 10 minutes he runs 500 metres. We need to work out how far he has run in 40 minutes. This one is a bit easier to work out.

- This one we do not have to change straight away. If he runs for 40 minutes, that is 10 minutes \times 4.
- So if he runs 500m every 10 minutes. We need to time 500m \times 4.
- $500\text{m} \times 4 = 2000\text{m}$. We can now convert this to km.
- $2000\text{m} \div 1000 = 2\text{km}$

Dusty Road	500m per 10 mins

Running 'Track'	Number of times	Number sentence	Total as a decimal
Sheep paddock	40 minutes	$4 \times 500\text{m}$	2km (2000m)

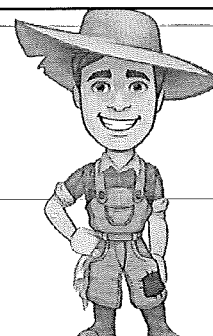
FARMER ARTHUR – WORK THROUGH WITH MR MCCORMACK

Running 'Track'	Number of times	Number sentence	Total as a decimal
Sheep Paddock	3		
Dog Kennels	5		
Sandy Road	30 minutes		

Sheep Paddock	3km 200m
Dog Kennels	1km 600m
Sandy Road	600m in 10 minutes

- Try and calculate these yourself. There are answers at the end to check.

Farmer Arthur is training for an athletic competition. To train he is running around different places on the farm. Sometimes he measures how long he runs for at a certain speed. He is trying to keep a journal of how many kilometres he runs in week.

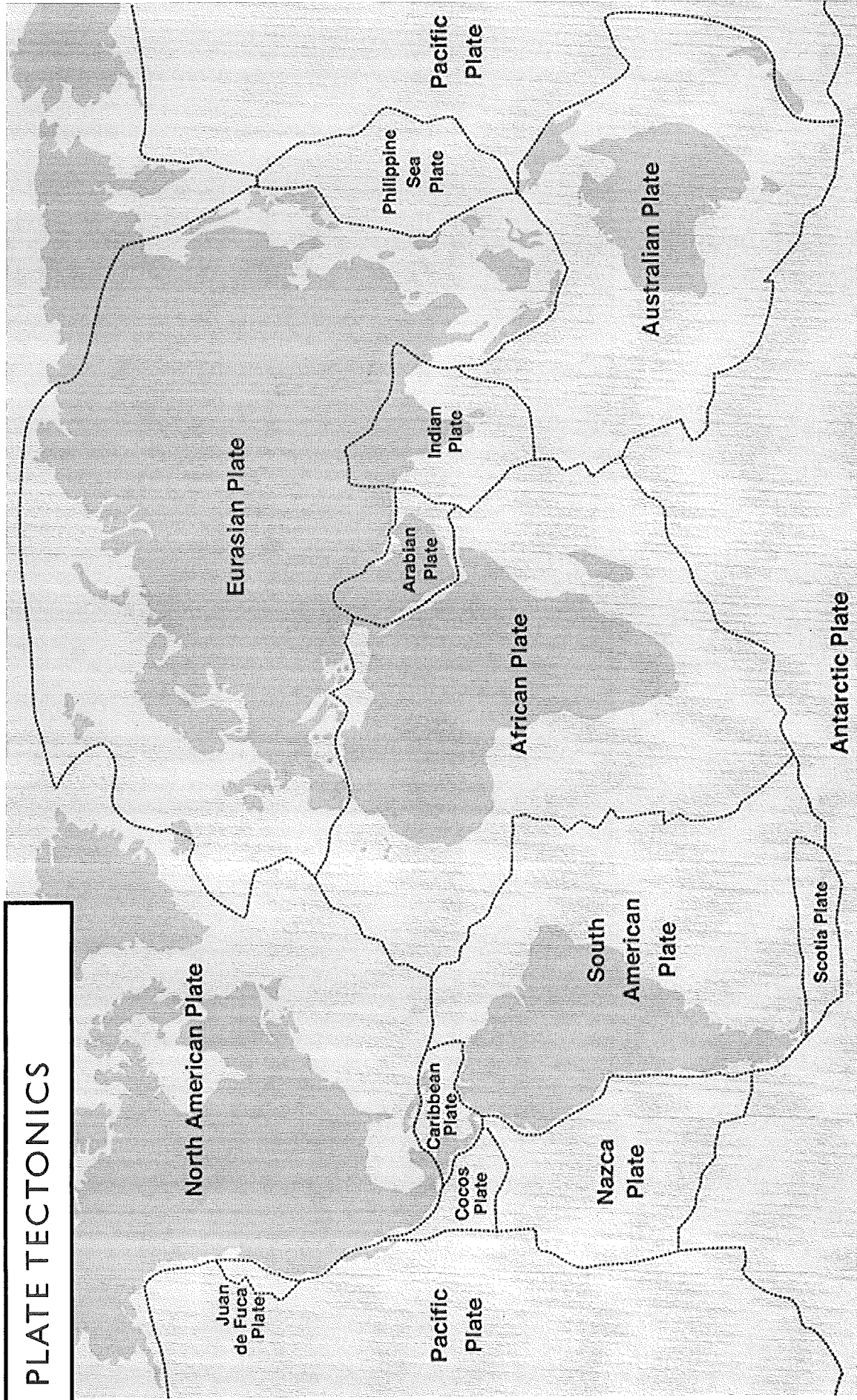


Running 'Track'	Number of times	Number sentence	Total as a decimal
Cow paddock	4 times		
Pig paddock	10 times		
Farm road	40 minutes		
Sandy Creek	30 minutes		
Sprints	2 times for 5 days		
Up hill	10 minutes 4 days a week		

Cow paddock	4km 250m
Pig paddock	2km 750m
Farm road	1.5km per 10 minutes
Sandy Creek	850m per 10 minutes
Sprints	100 m
Up hill	500m in 10 min

PLATE TECTONICS

Copy the plate lines and plate names onto the blank map on the next slide.



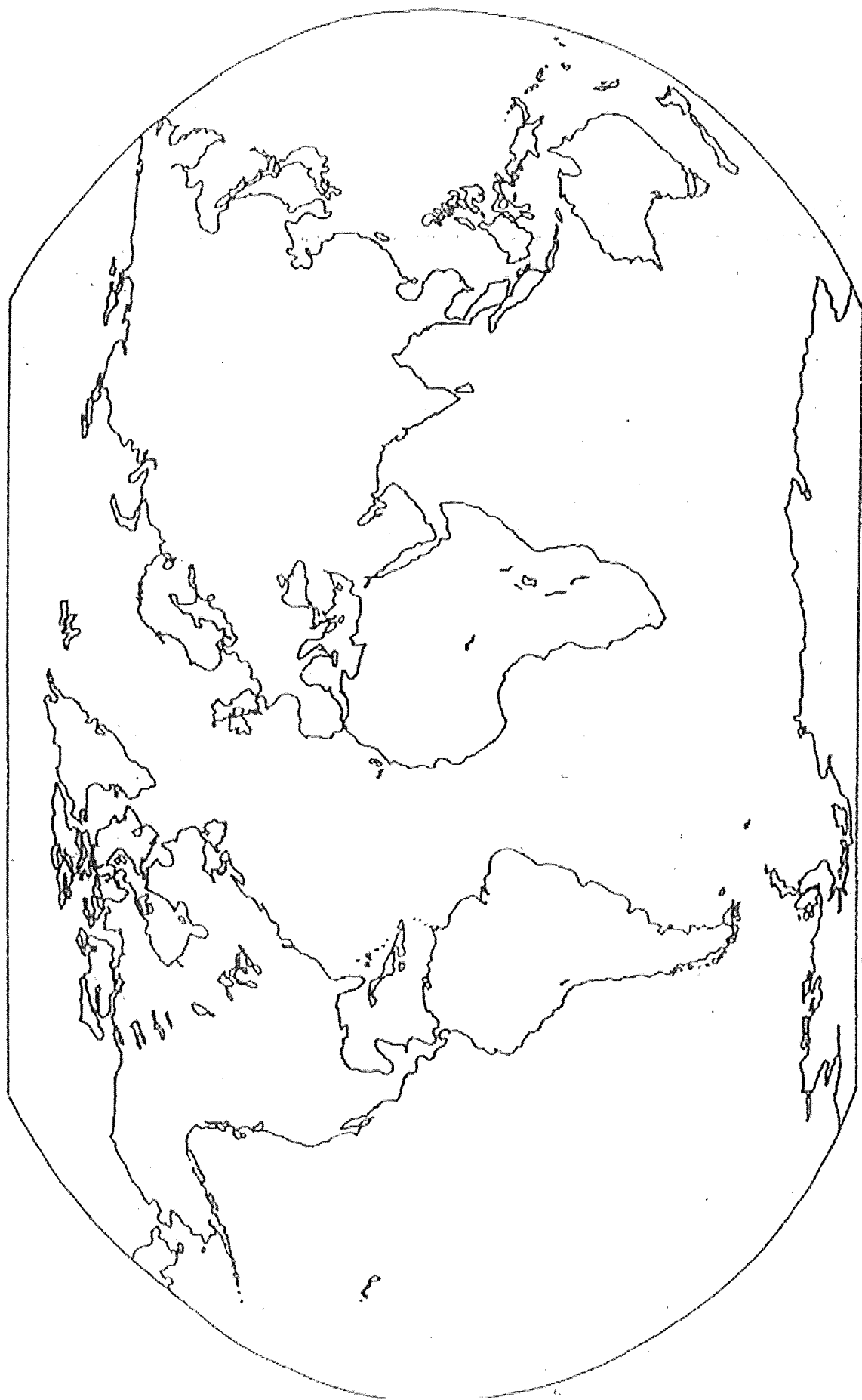


PLATE MOVEMENTS.

These are the ways that the plates can move.

DIVERGENT: moving apart usually under the ocean. Lava rises into the gap and creates new ocean floor.

CONVERGENT: moving together/collide. This forms mountains.

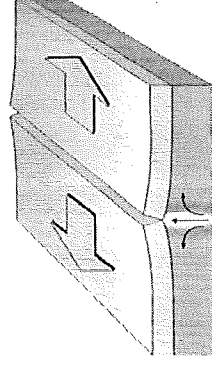
TRANSFORM: along each other.

Draw diagrams of this (similar to the diagrams opposite) in your books.

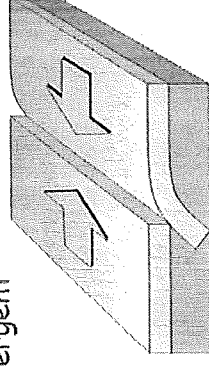
Again, if you are able you can research this further.

We will learn more about this in class.

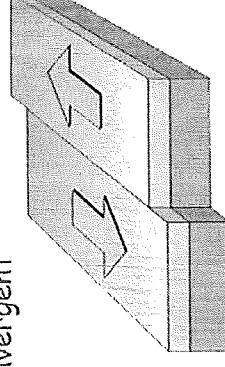
Types of Plate Boundaries



Divergent



Convergent



Transform

COPY AND COMPLETE IN YOUR BOOKS

Earth's crust and upper mantle are broken into sections called _____

- a) lava b) plates**

The collision of one plate with another may create _____

- a) oceans b) mountains**

New ocean crust is formed at a _____

- a) mid-ocean ridge b) rift valley**

A rift valley can form when two continental (not ocean) plates are

- a) moving apart b) colliding**

Where Earth's plates move, they may slide along each other, pull apart or _____

- a) collide b) divide**

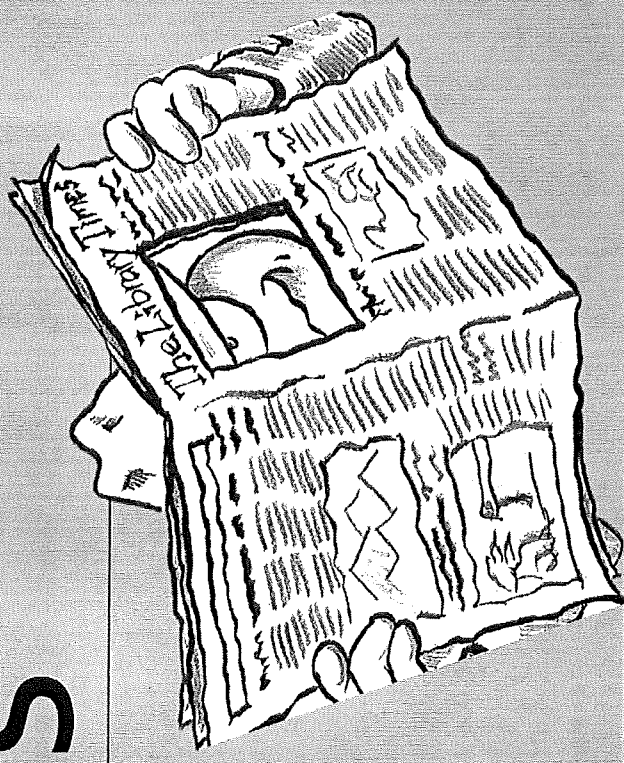
FRI (yay) DAY

Set 4

ANALYSING NEWS REPORTS

Reading and Writing

FRIDAY Set 4



You task today is to try to write your own response to the crocodile article.

TIPS

Re read what I wrote for the python article.

- Write an introduction saying who, what why etc. This information should now be in your template.
- Write a paragraph saying what the issue is and what the two people think.
- Write a paragraph saying what words or quotes Ms Greene says.

CANYOU WRITE WHAT EFFECT THIS WORDS MIGHT HAVE?

- Write a paragraph saying what words or quotes Mr Skinner says

CANYOU WRITE WHAT EFFECT THIS WORDS MIGHT HAVE?

- Write a conclusion stating who you thought was either more convincing or just who you agree with.

WRITE ON LINED PAPER. THIS IS JUST A FIRST DRAFT.

Introduction	
Who	
What	
Why	
How	
Where	
When	
What	
Why	
How	
Where	
When	

Main body	
Paragraph 1	
Paragraph 2	
Paragraph 3	
Paragraph 4	
Paragraph 5	
Paragraph 6	
Paragraph 7	
Paragraph 8	
Paragraph 9	
Paragraph 10	

Conclusion	
Conclusion	

This is the most difficult part and can be left until we get back.

Friday Set 4

1.

$$\begin{array}{r} 346739 \\ + 875645 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 942678 \\ - 461893 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 493 \\ \times 55 \\ \hline \end{array}$$

4.

$$4 \overline{) 86.739}$$

5.

$$\begin{array}{r} 35.3 \\ \times 68 \\ \hline \end{array}$$

Problem Solving:

We have included 2 sets of problem solving. You will need to complete the first one, but the second one is optional to complete.

Fuel duels

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1. Farmer Jill has a diesel storage tank, which holds 2 100 litres. When the diesel tanker calls by, it adds 350 litres of diesel and the tank is still only two thirds full.
 - (a) How many litres of diesel were in the tank before the diesel tanker arrived?
 - (b) If Jill uses up another 75 litres of diesel from the tank in the following week, how much diesel is left in the tank at the end of the week?
2. I am planning a walk across Sydney Harbour Bridge, which is 1 149 metres long.
 - (a) If I walk $1\frac{3}{4}$ kilometres from the start of the bridge, how much further (in metres) will I walk beyond the other end of the bridge?
 - (b) How far will I walk (in km) if I walk across the bridge and back?
3. Farmer Zach's diesel storage tank holds 2 000 litres. During two weeks of tractor work on the farm, he uses up 250 litres of diesel from the tank and the tank is half full.
 - (a) How many litres were in the tank at the start of this fortnight?
 - (b) At the end of this fortnight, the diesel tanker calls by and adds 800 litres to the tank. How many litres does it contain now?

Money, money, money

18

1. At the start of the week, I have \$3 275 in my bank account. During the week I spend \$290 on groceries at the supermarket and \$85 on fuel for my car. On Wednesday I receive electricity and gas bills totalling \$587 which I pay immediately. On Friday my pay of \$1 872 is direct-credited to my account.
 - (a) What is the balance of my bank account at the end of the week?
 - (b) If I also deposit my birthday money, which is \$50 from Pop and \$75 from Aunt Jemima, what is my balance now?
2. Charlie is saving to buy a new bike that costs \$498. He has so far saved \$235 and his grandfather has promised to give him \$100 towards the bike. Unfortunately Charlie takes \$45 from his savings to buy a recently released "must have" game.
 - (a) How much does Charlie still have to save to get his new bike, assuming his grandfather gives him the money he has promised?
 - (b) If the bike is offered at a sale price of \$420, how much does Charlie still have to save?

Goal Setting and Commitment

Instructions: As best as you can, provide the information requested below:

Subject/class name: _____

Your previous mark or grade: _____

Goal you have (e.g. grade you want to achieve on your next report):

List things you could do very soon (daily goals) that will help you reach your short-term goal. Write the number that best represents your level of commitment beside each; use the commitment ratings below:

Commitment Ratings (CRs):

0 = I won't commit myself to doing this at all.

1 = I might commit myself to doing this.

2 = I will slightly commit myself to doing this.

3 = I am moderately committed to doing this.

4 = I am highly committed to doing this.

5 = I am completely committed to doing this.

	CR
1	
2	
3	
4	
5	

List the obstacles that might prevent you from achieving your short-term goal in order of difficulty (list the most difficult obstacle to overcome first):

1. _____

2. _____

3. _____

Answers Set 4 Literacy Monday

1. D
2. E
3. B
4. C
5. B
6. Imaginative and magical
7. Tiger's and animal's
8. C, A, B
9. B
10. E

Answers Set 4 Math Monday

1. Not square
2. 25
3. 45
4. 3.40
5. 0
6. 0.04
7. 120 ($180 \div 6 = 30$, $30 \times 4 = 120$)
8. $26 \div 6$
9. $3/12$
10. 1

Answers Set 4 Tuesday Literacy

1. B
2. B
3. A and C
4. A
5. A
6. Mischievous and stories
7. Students' and Queensland's
8. B, A, C
9. B
10. B and E

Answers Set 4 Tuesday Math

1. Composite
2. 180
3. 0.3456
4. 17.50
5. 27cm cubed, it is called a cube
6. $\frac{3}{4}$ of a litre
7. $4/7 = 160$ ($1/7 = 40$)
8. $4/4$ or 1
9. 7m ($4m \times 7m = 28m$ squared)
10. D

Answers Set 4 Literacy Wednesday

1. C
2. E
3. B
4. C
5. C
6. illustrator and inspired
7. Paper's and fingers' or finger's
8. C, A, B
9. C
10. D

Answers Set 4 Maths Wednesday

1. Square
2. 5
3. 3.69
4. 09.29
5. 13
6. 0.017
7. 14 ($42 \div 6 = 7$)
8. $20 \div 6$
9. 2 and $2/5$
10. 12

Answers Set 4 Thursday Literacy

1. B
2. D and E
3. B and C
4. C
5. C
6. enjoyed and thousands
7. shark's and diver's
8. B, A, C
9. B and C
10. C

Answers Set 4 Thursday Maths

1. Not square
2. 16.50
3. 606.77
4. 17.62
5. 6000cm cubed
6. 900
7. 15 ($25 \div 5 = 5$)
8. $17/5$
9. 3 and $5/12$
10. -9

Monday Set 4

$$\begin{array}{r}
 1. \quad \begin{array}{ccccccc}
 1 & 1 & 1 & 1 & 1 & & \\
 6 & 4 & 5 & 2 & 4 & 7 & \\
 + & 9 & 9 & 9 & 9 & 9 & 9 \\
 \hline
 1 & 6 & 4 & 5 & 2 & 4 & 6
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 2. \quad \begin{array}{ccccccc}
 6 & 4 & \cancel{6} & 1 & 4 & 8 & \\
 - & 5 & 2 & 5 & 7 & 2 & 3 \\
 \hline
 1 & 2 & 1 & 4 & 2 & 5 &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 3. \quad \begin{array}{ccccccc}
 2 & 2 & & & & & \\
 1 & 7 & 1 & 6 & 5 & & \\
 \times & & 4 & 3 & & & \\
 \hline
 2 & 2 & 9 & 5 & & & \\
 3 & 0 & 6 & 0 & 0 & & \\
 \hline
 3 & 2 & 8 & 9 & 5 & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 4. \quad \begin{array}{ccccccc}
 1 & 7 & . & 7 & 9 & 1 & r1 \\
 5 \overline{) 838} & . & 39 & 45 & 6 & &
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 5. \quad \begin{array}{ccccccc}
 1 & 1 & & & & & \\
 3 & 3 & & & & & \\
 4 & 6 & . & 5 & & & \\
 \times & & 3 & 6 & & & \\
 \hline
 12 & 17 & 9 & . & 0 & & \\
 1 & 3 & 9 & 5 & . & 0 & \\
 \hline
 1 & 6 & 7 & 4 & . & 0 &
 \end{array}
 \end{array}$$

Wednesday Set 4 Answers

$$\begin{array}{r} 1. \quad \begin{array}{r} 1531216187 \\ + 8756445 \\ \hline 14083332 \end{array} \end{array}$$

$$\begin{array}{r} 2. \quad \begin{array}{r} 83125178 \\ - 5752293 \\ \hline 3677385 \end{array} \end{array}$$

$$\begin{array}{r} 3. \quad \begin{array}{r} 513193 \\ \times 64 \\ \hline 1111972 \\ 29580 \\ \hline 31552 \end{array} \end{array}$$

$$4. \quad \begin{array}{r} 28.575r1 \\ 3 \overline{) 825.172216} \end{array}$$

$$\begin{array}{r} 5. \quad \begin{array}{r} 22.325.4 \\ \times 1777.8 \\ \hline 1270.0 \\ 1447.8 \end{array} \end{array}$$

Friday Set 4

$$\begin{array}{r}
 1. \\
 \begin{array}{ccccccc}
 1 & 3 & 1 & 4 & 1 & 6 & 7 & 1 & 3 & 9 \\
 + & 8 & 7 & 5 & 5 & 6 & 4 & 4 & 5 \\
 \hline
 1 & 2 & 2 & 2 & 2 & 3 & 8 & 4 & 4
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 2. \\
 \begin{array}{ccccccc}
 8 & 1 & 1 & 1 & 5 & 1 & 7 & 8 \\
 \cancel{8} & \cancel{1} & \cancel{4} & \cancel{2} & \cancel{8} & \cancel{1} & \cancel{8} & \cancel{3} \\
 - & 4 & 6 & 1 & 8 & 8 & 3 \\
 \hline
 4 & 8 & 0 & 7 & 9 & 9 & 5
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 3. \\
 \begin{array}{ccccccc}
 4 & 4 & 1 & 1 & 1 & 1 & 1 \\
 4 & 4 & 9 & 9 & 3 \\
 \hline
 2 & 4 & 6 & 5 & 0 \\
 \hline
 2 & 7 & 1 & 1 & 5
 \end{array}
 \end{array}$$

$$\begin{array}{r}
 4. \\
 \begin{array}{ccccccc}
 2 & 1 & . & 6 & 8 & 4 & 4 \\
 4 \overline{) 86.273319} & & & & & & r3
 \end{array}
 \end{array}$$

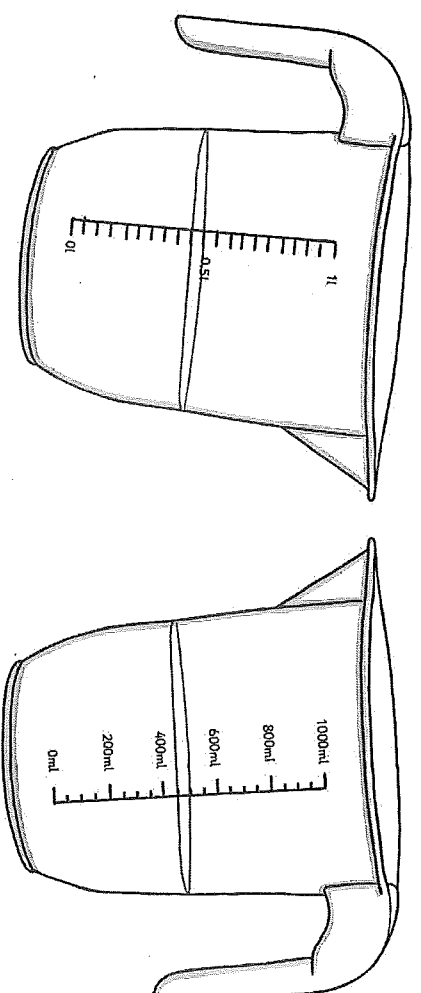
$$\begin{array}{r}
 5. \\
 \begin{array}{ccccccc}
 3 & 1 & & & & & \\
 4 & 3 & 2 & 5 & . & 3 \\
 \hline
 \begin{array}{ccccccc}
 \times & & & & 6 & 8 \\
 12 \overline{) 82.4} & & & & & & \\
 2 & 1 & 1 & 8 & . & 0 \\
 \hline
 2 & 4 & 0 & 0 & . & 4
 \end{array}
 \end{array}
 \end{array}$$

Converting Between Litres and Millilitres Answers

LO: I can convert between different units of metric measure

One chef only has jugs labelled in litres; another only has jugs labelled in millilitres.

Complete the tables below help the chefs by converting litres into millilitres, and millilitres into litres.



1.	Litres	Millilitres	2.	Litres	Millilitres	3.	Litres	Millilitres	4.	Litres	Millilitres	5.	Litres	Millilitres	6.	Litres	Millilitres
	0.252	252		1.929	1929		0.175	175		7.055	7055		0.216	216		1.054	1054
	0.633	633		1.308	1308		0.057	57		4.059	4059		0.128	128		5.447	5447
	0.191	191		7.717	7717		0.292	292		3.096	3096		0.23	230		9.277	9277
	0.721	721		2.59	2590		0.462	462		8.684	8684		0.158	158		5.915	5915
	0.725	725		2.031	2031		0.366	366		8.219	8219		0.764	764		7.347	7347
	0.71	710		8.53	8530		0.334	334		7.139	7139		0.163	163		7.729	7729
	0.583	583		4.103	4103		0.517	517		2.607	2607		0.765	765		9.685	9685
	0.595	595		6.924	6924		0.689	689		2.01	2010		0.999	999		6.604	6604
	0.625	625		4.531	4531		0.212	212		3.4	3400		0.454	454		9.449	9449
	0.244	244		5.007	5007		0.185	185		6.311	6311		0.841	841		4.554	4554

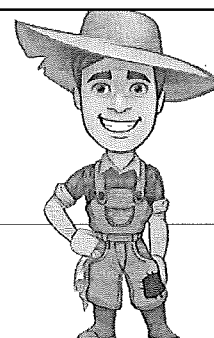
FARMER ARTHUR – ANSWERS

Running 'Track'	Number of times	Number sentence	Total as a decimal
Sheep Paddock	3	$3.2\text{km} \times 3$	9.6km
Dog Kennels	5	$1.6\text{km} \times 5$	8km
Sandy Road	30 minutes	$600\text{m} \times 3$	1800m (1.8km)

Sheep Paddock	3km 200m
Dog Kennels	1km 600m
Sandy Road	600m in 10 minutes

Answers

Running 'Track'	Number of times	Number sentence	Total as a decimal
Cow paddock	4 times	$4 \times 4.25\text{km}$	17km
Pig paddock	10 times	$10 \times 2.75\text{km}$	27.5km
Farm road	40 minutes	$4 \times 1.5\text{km}$ (40min is 4 lots of 10min)	6 km
Sandy Creek	30 minutes	$3 \times 0.85\text{km}$	2.55
Sprints	2 times for 5 days	$2 \times 5 \times 100\text{m} = 1000\text{m}$	1 km
Up hill	10 minutes 4 days a week	$500\text{m} \times 4$	2km
Weekly Total			



Cow paddock	4km 250m
Pig paddock	2km 750m
Farm road	1.5km per 10 minutes
Sandy Creek	850m per 10 minutes
Sprints	100 m
Up hill	500m in 10 min

Problem Solving Answers:

17 Fuel duels

- | | | |
|----|------------------|------------------|
| 1. | (a) 1 050 litres | (b) 1 325 litres |
| 2. | (a) 601 m | (b) 2.298 km |
| 3. | (a) 1 250 litres | (b) 1 800 litres |

18 Money, money, money

- | | |
|----|-------------|
| 1. | (a) \$4 185 |
| | (b) \$4 310 |
| 2. | (a) \$208 |
| | (b) \$130 |
-