Stage 3

Week 9

(25 - 27 March)

Hello Students and Families,

These are very unusual times and so we have made these work packs for you.

It doesn't matter if you are working at home or working at school, all students will be doing the same work pack. No student will be at an advantage or disadvantage working from home. Please stay home if that is possible and safe.

As you work from home, here are some helpful things to remember:

😊 Each day we do about 4 hours of work at school. Try to do about 4 hours work at home too. This stops you from getting bored and getting into trouble. There are times on the timetable, so try to stick to them but adjust them to work for your family if necessary.

😊 It might feel odd, but putting on your school shirt to do your school work at home and then taking it off when you have finished could be helpful. It reminds you that it's time to work and there are tasks to get done.

😊 At the back of the pack are some fun activities and mindfulness activities. Feel free to break up your day with some of these.

😊 There is a project sheet that is linked to the Geography unit on The Great Barrier Reef. This is not due until Term 2. Check the dates and decide whether to do it before Easter or during the planned school holidays.

😊 As students are working at home parents will need to be marking and checking their work at home too.

😊 At the moment we are sending home work for Wednesday, Thursday and Friday of week 9 (25-27th March) and Week 10. Another pack for the following week is being made, but we wanted to get people working as soon as possible. Check the Skoolbag app and Facebook page for updates.

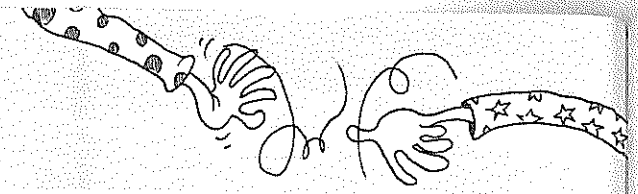
😊 This work is important, but making sure that everyone in your home is safe and calm is important too. Make sure you take a break if you are feeling tense and plan out your time together.

Hopefully we are back together soon!

Mr Brown, Mrs Kelly & Mr Sanders

Unit 9

Risibility is the ability to:
a rise early
b laugh easily
c rotate your wrists



Say	Listen	Look	Understand	Remember	Practise

ability _____
stability _____
durability _____
probability _____
acceptability _____
predictability _____
respectability _____
changeability _____
availability _____
irritability _____
possibility _____
visibility _____
flexibility _____
responsibility _____
accessibility _____

TIP!

Words ending in ible and able are adjectives. These words may also add ity as a second suffix.

Adding ity changes the adjective to a noun.

1 Write the list words ending in ibility. Then write the adjectival form.

noun	adjective

2 Write the list words ending in ability. Then write the adjectival form.

noun	adjective

noun	adjective

3 Write the list word in which silent e has been kept when the suffixes are added to the base word.

_____

Another word that keeps silent e is *traceability*. Why do these words keep the silent e?

_____

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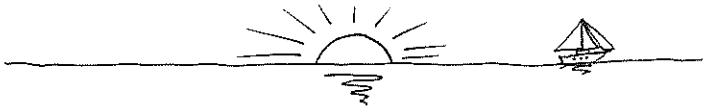
4 Use each clue to find a smaller word within a list word. Write the small word and the list word.

clue	answer	list word
the opposite of *off*	_____	_____
what thieves do	_____	_____
the colour of anger or embarrassment	_____	_____
what you do to show off your muscles	_____	_____

5 Add un, im, in or ir to make an antonym.

_____flexibility _____possiblity _____predictability _____responsibility
_____reliability _____ability _____stability _____plausibility



6 Write list words.

Our coach thinks that Rahim has the _____ to play for Australia one day.

Lili avoids _____ and constantly surprises us with new magic tricks.

Our bushwalk was cancelled due to the _____ of a thunderstorm.

Buster, our dog, has been bad-tempered recently. Our vet discovered that his _____ was due to an infection in his ear.

Janie's _____ this week is to clean the board; Lucas's is to turn off the lights and far

Animals are migratory if the _____ of food and water is not constant.

_____ to buildings is important for people with mobility problems.

7 Make a noun from each adjective. What does each noun mean?

	noun	meaning
audible	_____	_____
invincible	_____	_____
durable	_____	_____
feasible	_____	_____
manoeuvrable	_____	_____

Answer: q

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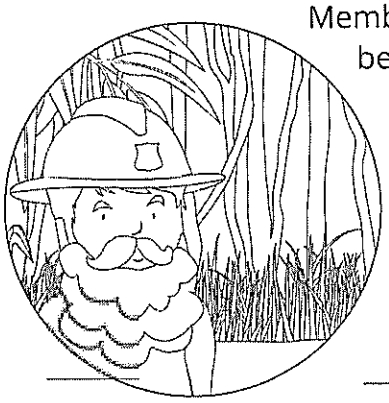
Wednesday

Heroic Homophones

where	right	to	you're
we're	their	your	there
four	too	for	

"We were lucky to be in the _____ place at the right time," said Jeff Hu, the Captain of the local fire station. "The blaze started when a camp fire was left unattended."



Members of the Rural Fire Brigade were quick to extinguish the fire before it managed to spread through the surrounding bushland.

"We were only gone around _____ hours. We certainly didn't expect this to happen. It goes to show how important it is to always put _____ fire out before you go anywhere," advised the concerned family whose campfire sparked the blaze.

Captain Hu warned other campers to keep a close eye on _____ campfires. "With these hot, dry conditions, it's easy _____ fires to spread and get out of control. It's important that you have water close to _____ you have set up the fire and be sure _____ completely put it out before you leave."

Bush fires can be devastating and cause lots of damage to people's properties, livestock and potentially even their lives.

This fire caused some damage to the campsite toilet block, although the owners of the campsite believe that it could have been much worse. "Without the help of our brave local fire brigade, _____ definitely could have been more damage. We can rebuild the toilet block, _____ just glad that there were no injuries."

Remember, _____ responsible for your campfire, so always keep an eye on it and be careful not to get _____ close so you don't hurt yourself.

teachstarter

I must have looked shocked, because he added, 'Only joking. There are no crocs within a thousand kilometres of here.'

I'm not surprised. I wouldn't be within a thousand kilometres of here either if I had a choice.

He asked if I had any brothers or sisters and I told him I had a little sister. I asked him if he had any kids and he told me they'd grown up and gone to the city. 'It's just me and the gnomes now.'

I wondered what had happened to his wife, but I didn't want to ask.

'I noticed the gnomes,' I said. 'You must really like them.'

'There's quite a few, aren't there?' Then he told me how he gave his wife one for their first wedding anniversary, and she thought it was funny, so he gave her one for their second anniversary too, and then every anniversary after that. 'I still buy one every year, even though Annie's not here anymore. Old habits die hard.'

His face seemed to come to life more as he pointed to the gnomes. 'That's Rudolph. He came to live with us the year we had our first son; that's Henry—from the year our daughter was born. Arnold arrived the year Annie's mother died; Ian was the year our younger son came along; those are Graham and Neville. Those two ladies are Hilda and Mildred.'

I was looking at the two old ones that looked identical. He must have noticed. 'Those two were lucky to get here. I was in the army in Vietnam, so it was a bit tricky. Luckily my brother helped me out, and we got the twins to Annie right on our anniversary. Their names are An and Bao. I named them with some help from a Vietnamese mate of mine. *An* means peace and *Bao* means

Reading Magazine

Midnight in Gnome City- *story by Terry Lavelle (p. 22)*

Discuss- Idioms (sayings), The Vietnam War *The **Vietnam War (1 Nov 1955 – 30 April 1975)** was a long, costly and divisive conflict that pitted the communist government of North **Vietnam** against South **Vietnam** and its principal ally, the United States. The conflict was intensified by the ongoing Cold **War** between the United States and the Soviet Union. Australia's involvement lasted from 3rd August 1962 till 2nd December 1972.*

Paragraphs- (new paragraphs for dialogue)*- p1- *I must have looked... p.6- "There's quite a few... p. 7– His face seemed to... p.8- I was looking at...

Find the word that mean the same (synonyms) as the word below:

a) surprised (v, p1) _____ b) crocodiles (n, p1) _____

c) saw (v, p5) _____ d) date remembered (n, p6) _____

e) ways (n, p.6) _____ f) duplicate (adj, p. 8) _____

g) defense (n, p. 8) _____

2. Where had Bob's children gone?

3. Why didn't James want to ask what happened to Bob's wife?

4. Why did Bob give his wife a gnome for every wedding anniversary?

5. What is the idiom in paragraph 6? Explain its meaning.

6. What is the idiom in paragraph 7? Explain its meaning.

7. Fill in the event as to why the gnome was bought:

a) Rudolph= _____

b) Henry = _____

c) Arnold = _____

d) Ian = _____

e) An and Bao = _____

---

8. What does An and Bao mean in Vietnamese **and** why else did Bob like them?

WRITING A NARRATIVE

1. A narrative entertains or instructs.

2. **Narratives are usually organized to include:**

* An orientation or introduction to give information about WHO, WHERE and / or WHEN.
* A series of events leading to a problem or complication.
* A solution or resolution to the problem or complication.
* A clever ending. This may be a lesson learnt or a general comment...

3. Often characters' feelings, thoughts and communication are important and indicated.

4. Sentence beginning words need varying. Sentence length also needs varying. Short sentences may keep reader interest high. Longer sentences provide extra details.

5. Using words that strongly affect the reader can enhance the power of the narrative.

6. Tense must be consistent - past, present or future.

7. Punctuation needs attention. Capital letters, full stops, question marks, exclamation marks, speech marks, hyphens, apostrophes of possession, points of ellipsis... need to be well used.

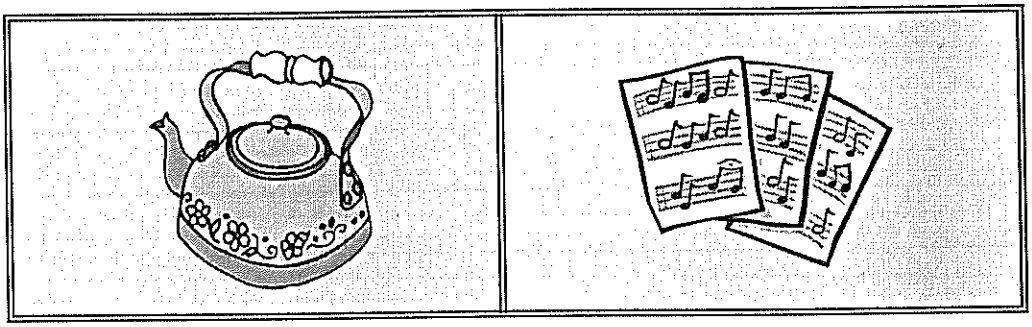
8. Spelling is important. Use a dictionary to build up your vocabulary. Aim to improve your word power.

NARRATIVE: USING YOUR IMAGINATION

Let's write a sustained narrative. Think about an imaginative story that somehow involves the two images below. Think of a way they could both be in a story.

Make sure you include the following paragraphs:

- ✯ an orientation including who, where and when
- ✯ a series of events leading to a problem
- ✯ a resolution to the problem
- ✯ a short, interesting, clever ending



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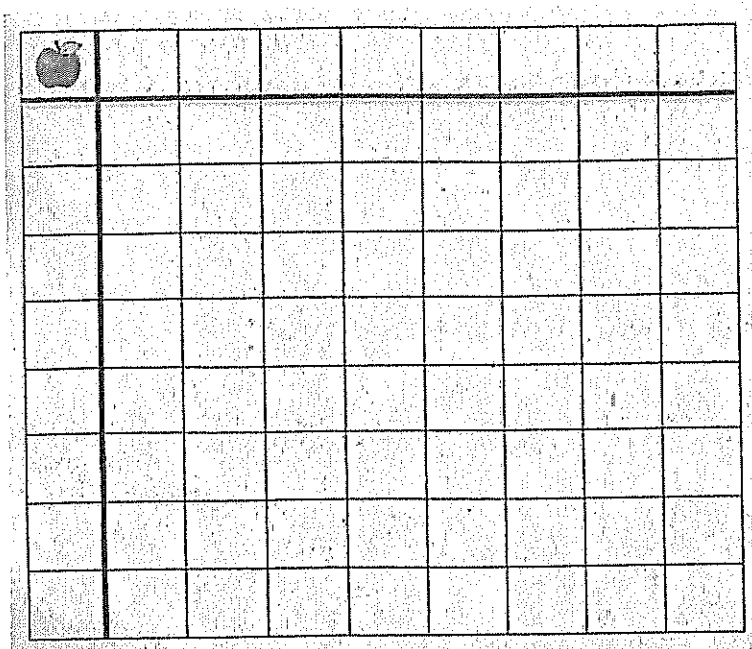
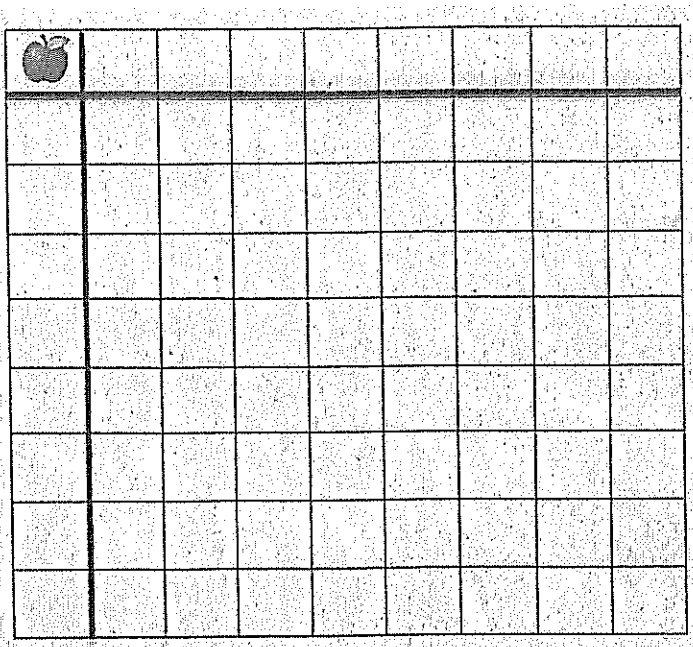
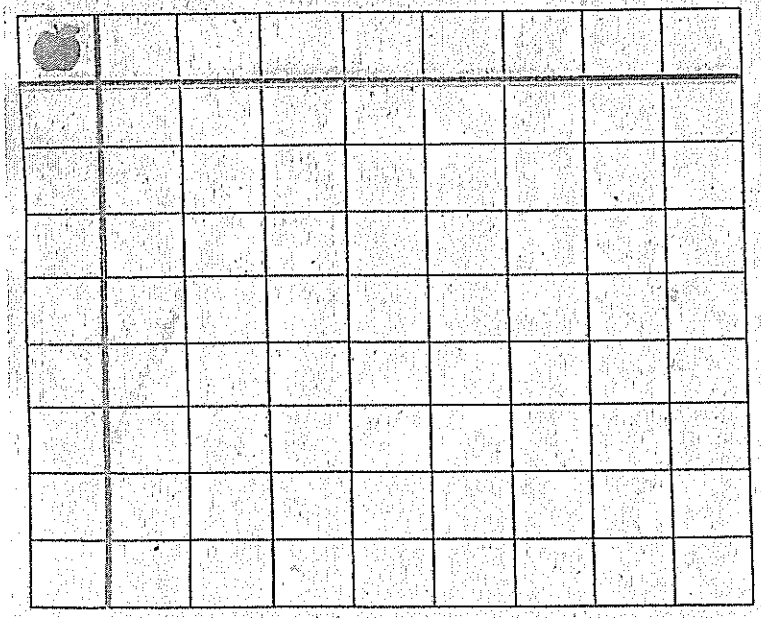
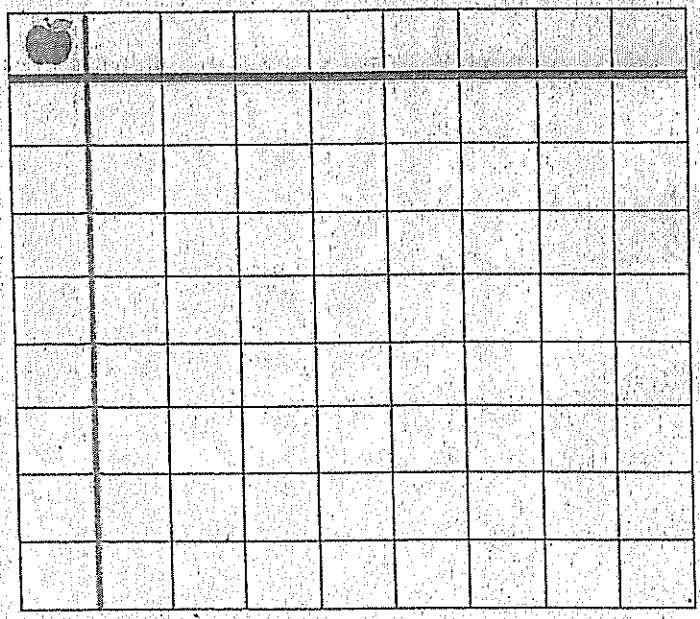
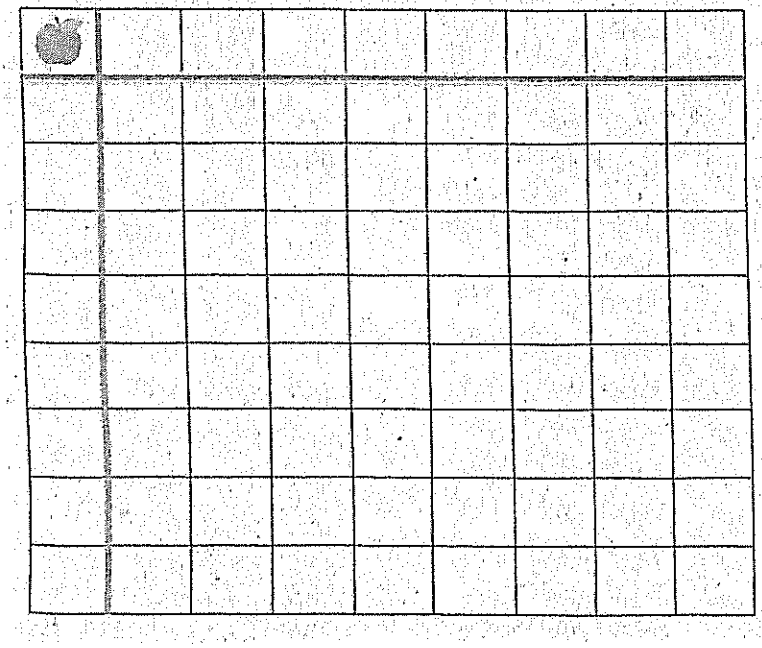
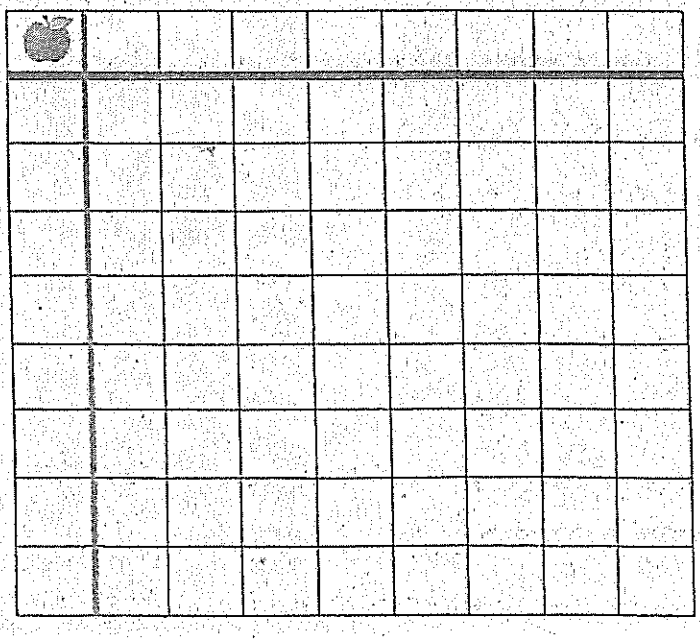












Order of operations

First: work grouping symbols ( )
Then × and ÷ left to right.
Lastly
+ and − left to right.
5 + (9 × 4) + 6 ÷ 2 − 4
5 + 36 + 3 − 4 = 40

The same set of numbers can have a difficult outcome when expressed differently. eg (62 − 15) × 2 = 94, 62 − (15 × 2) = 32

1 a 6 × 4 + 5 = _____ b 7 + 8 × 3 = _____
c 3 × (5 + 8) = _____ d 8 × 9 − 12 = _____
e 15 - 16 ÷ 4 = _____ f 24 ÷ (10 − 4) = _____
g (32 + 16) ÷ 8 = _____ h (5 +3) × 6 + 2 = _____ i 15 − 15 ÷ 15 = _____
j (120 − 25) ÷ 5 = _____ k 7 × 2 × 2 + 16 = _____ l 12 + 4 × 9 - 10 = _____
m (3 × 4) + (7 × 6) = _____ n 10 − 36 ÷ 9 × 2 = _____ o 5 × 6 ÷ 3 + 18 = _____

Show working.

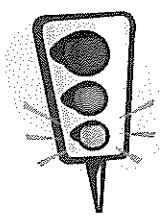
2 a (27 ÷ 3) × (3 + 6) = _____ b 27 ÷ (3 × 3) + 6 = _____ c 27 ÷ 3 × 3 + 6 = _____
d (36 − 4) × (3 × 2) + 8 = _____ e (36 − 4) × 3 × (2 + 8) = _____ f 36 − 4 × 3 × 2 + 8 = _____

3 a 12 × (7 + 3 − 2) = _____ b (8 × 9 + 4) − 12 ÷ 4 = _____ c (15 ÷ 15 × 2) − 2 = _____
d 100 − (5 × 4 × 4) = _____ e 70 + (7 × 4) − 8= _____ f (6 × 2 × 0) + 5 × 4 = _____
g (3 × 9) × (4 ÷ 2) + 10 = _____ h 6 × 11 − 7 + 4 − 8 = _____ i 200 − 10 × 5 × 2 = _____

4 a 4 × 6 × 10^3 × 0 × 6 = _____ b 7 × 2 × 9^2 × 0 × 12 = _____ c 3 × 0 × 1^2 × 10 × 7 = _____
d (8 + 2 + 5) × 1 = _____ e 6^2 ÷ 6 + 13 ÷ 13 = _____ f 274 × 1 + 6 = _____

5 Add brackets to make these equations true.

a 3^2 + 5 × 2 = 4 × 3 + 4 b 16 − 8 + 8 × 4 = 17 + 3 + 5 × 4
c 4 × 7 − 9 + 15 = 6 + 3 × 8 + 4 d 10 + 10 × 10 = 6 + 20 × 5 + 4



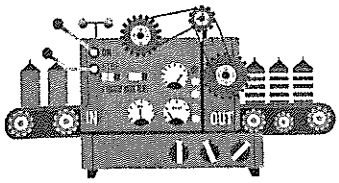
Challenge! Choose 4 of these numbers. How many different equations can you make with them?

5 3 8 2 0
6 4 1 9 10 12

Number patterns

Week 9, Yr 6
Wed.

4 Follow the instructions to answer the questions.
This machine makes 20 milk cartons every minute.

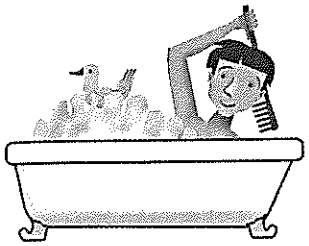


Minutes	1	2	3	4	5	6	7
Cartons	20						

a Complete the number pattern.

b How many cartons would the machine make in 10 minutes? _____

This bath fills at a rate of 15 litres every minute.

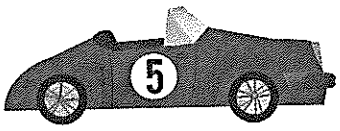


Minutes	1	2	3	4	5	6	7
Litres	15						

c Complete the number pattern.

d How many litres would be in the bath after 12 minutes? _____

This car travels 13 km on every litre of petrol.

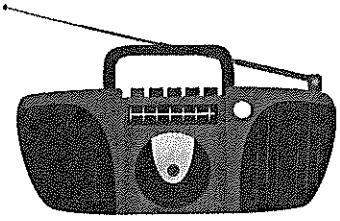


Litres	1	2	3	4	5	6	7
Kilometres	13						

e Complete the number pattern.

f How far would the car travel on 15 L of petrol? _____

Radio station Double Z plays 12 songs every hour.



Hours	1	2	3	4	5	6	7
Songs	12						

g Complete the number pattern.

h How many songs would be played in 12 hours? _____

5 Number pattern

a Find the pattern in the table below then complete it.

First number	1	2	3	4	5	6	7
Second number		18			45		63

b Describe the relationship between the first number and the second number.

_____

c What would be the 10th term in the pattern? _____

6 Number pattern

a Find the pattern in the table below then complete it.

First number	11	12	13	14	15	16	17
Second number	24		26			29	

b Describe the relationship between the first number and the second number.

_____

c What would be the 10th term in the pattern? _____

Number patterns

Week 9, Yr 5, Wed

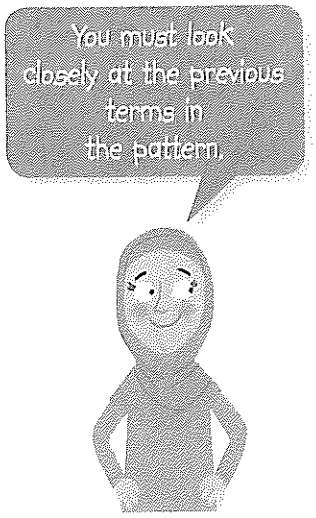
Continue the number patterns.

15	20	25	30	
12	16	20	24	
4	7	10	13	
5	12	19	26	

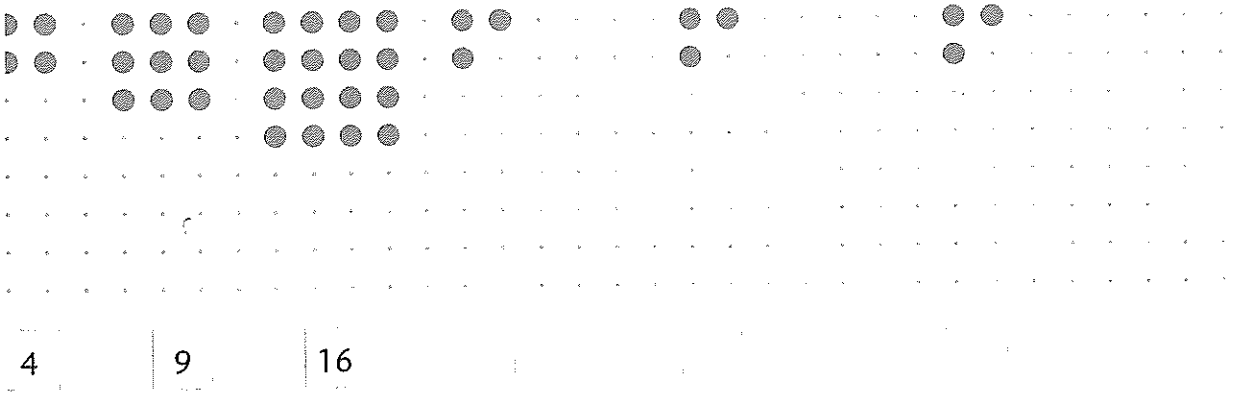
e	536	532	528	524
f	213	227	241	255
g	3	6	12	24
h	198	191	184	177

Write a rule for each number pattern, then use it to predict the next two terms in the pattern.

43	40	37	34	31
53	57	61	65	69
3.5	4	4.5	5	5.5
1	2	4	8	16
128	64	32	16	8
1	3	9	27	81
1	2	4	7	11
1	1	2	3	5



Continue to make the pattern of square numbers and record the numbers.



4	9	16

Look for a rule or a pattern in the square numbers, then extend the table to the twelfth square number.

Square numbers	4	9	16

Week 9, Yr 6 Wed ~~Thurs~~.

11 Draw a line to estimate a place on the timeline for each of these major inventions.

800 BC
600 BC
400 BC
200 BC
Birth of Christ
AD 200
AD 400
AD 600
AD 800
AD 1000
AD 1200
AD 1400
AD 1600
AD 1800
AD 2000

700 BC False teeth

AD 600 Windmill

AD 1661 Paper money

AD 105 Paper

AD 1714 Typewriter

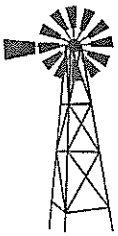
AD 1903 Aeroplane

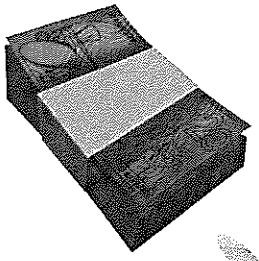
AD 1876 Telephone

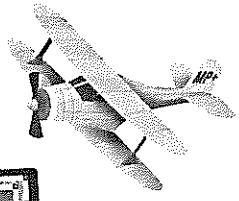
AD 1830 Sewing machine

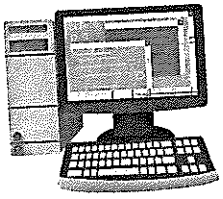
AD 1946 Computer

AD 1960 Internet









12 Calculate the difference in time between these inventions.

a The invention of the typewriter and the telephone. _____

b The invention of paper and the typewriter. _____

c The invention of paper and paper money. _____

d How many years between 800 BC and 2000 AD? _____

13 Design a timeline starting at 1997 to record the events in Prani's life. Draw a line to match the events to a place on the timeline.

Scale: 1 cm = 1 year

I was born in 1997

Arrived in Australia in 2000

Started pre school in 2004

Started netball in 2007

Moved to Newcastle in 2010

Started Year 11 in 2013

1997

14 On a separate piece of paper, design a timeline for events in your life. You will need to devise a scale first.

Draw and interpret timelines using a given scale

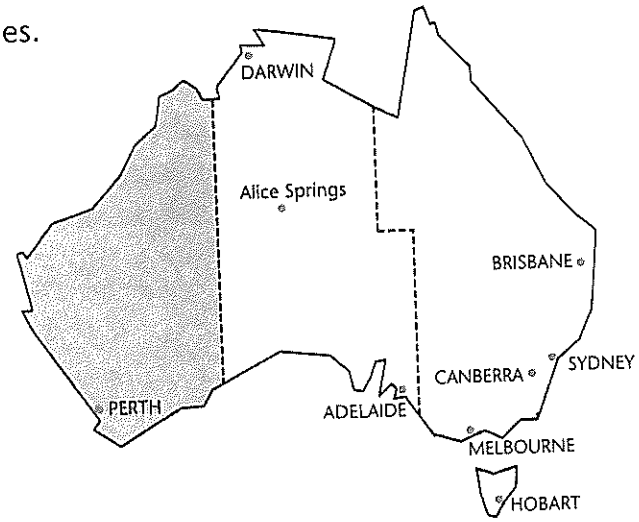
Week 9, Yr 5, Wed

Study the map that shows Australia's three time zones.

Key	
White:	Eastern standard
Yellow:	Central standard
Green:	Western standard

Central standard time is $\frac{1}{2}$ an hour behind Eastern standard time.

Western standard time is 2 hours behind Eastern standard time.

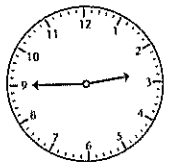


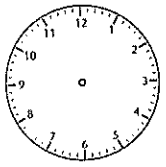
13 Complete the time zone tables using 24-hour time.

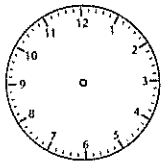
a	0800 hours	0930 hours	1000 hours
b			1100 hours
c		1130 hours	
d	1100 hours		

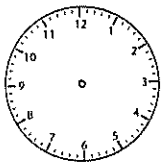
e			1600 hours
f		1630 hours	
g			1800 hours
h			1900 hours

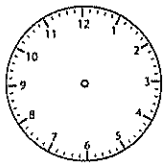
14 Complete the clocks to show the time in each location.

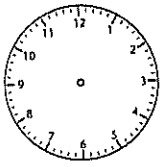
a  Perth

b  Darwin

c  Adelaide

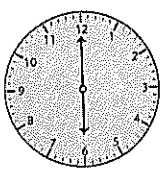
d  Brisbane

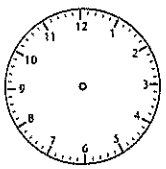
e  Sydney

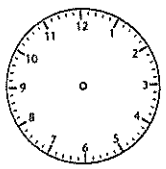
f  Hobart

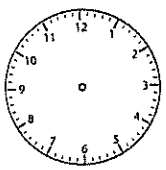
In summer in NSW we have **daylight saving**. This has the effect of making the days seem longer, with more daylight hours in the evenings.

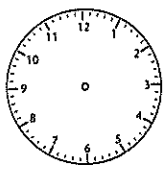
15 In addition to NSW, the ACT, Victoria, Tasmania, South Australia and Western Australia also have daylight saving. This means that clocks are moved forward one hour on the first Sunday in October and moved back again on the last Sunday in April the following year. Complete the clocks to show the times in the other capital cities compared to Sydney during daylight saving.

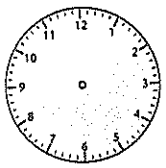
a  Sydney

b  Darwin

c  Adelaide

d  Brisbane

e  Perth

f  Hobart

Timetables

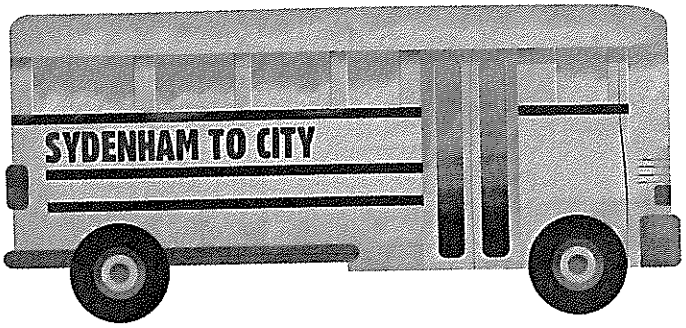
Week 9, Yr 6, Wed.

BUS ROUTE 007 — Railway St to Circular Quay

MONDAY TO FRIDAY					
Railway St	Campbell St	Enmore Rd	Carillon Ave	Harris St	Circular Quay
Morning					
	06:30	6:35	6:38	6:45	7:00
	07:00	7:05	7:08	7:15	7:30
	07:10	7:15	7:18	7:25	7:45
	07:30	7:35	7:38	7:45	8:00
		7:50	7:53	8:00	8:20
	07:55		8:05	8:10	8:30
		8:15	8:20	8:30	8:50
	08:20		8:30	8:35	8:55
	08:30	8:35	8:40	8:45	9:00
09:00	09:02	9:07	9:10	9:17	9:35
09:45	09:47	9:52	9:55	10:02	10:20
10:30	10:32	10:37	10:40	10:47	11:05
11:15	11:17	11:22	11:25	11:32	11:50
Afternoon					
12:00	12:02	12:07	12:10	12:17	12:35
12:45	12:47	12:52	12:55	1:02	1:20
01:30	01:32	1:37	1:40	1:47	2:05
02:15	02:17	2:22	2:25	2:32	2:50
03:00	03:02	3:07	3:10	3:17	3:35
		3:30	3:35	3:40	4:00
03:25	03:27	3:32	3:37	3:42	4:00
	04:05	4:10	4:15	4:25	4:45
	04:30	4:35	4:40	4:50	5:10
	05:00	5:05	5:10	5:20	5:40
	05:30	5:35	5:40	5:50	6:10
	06:00	6:03	6:08	6:15	6:35
	06:30	6:33	6:38	6:45	7:00
	07:00	7:03	7:08	7:15	7:30
	07:30	7:33	7:38	7:43	8:00

SATURDAY					
Railway St	Campbell St	Enmore Rd	Carillon Ave	Harris St	Circular Quay
Morning					
	07:30	7:33	7:38	7:45	8:00
	08:30	8:33	8:38	8:45	9:00
09:40	09:42	9:45	9:50	9:57	10:15
10:50	10:52	10:55	11:00	11:07	11:25
Afternoon					
12:05	12:07	12:10	12:15	12:22	12:40
01:20	01:22	1:25	1:30	1:37	1:55
02:35	02:37	2:40	2:45	2:52	3:10
03:50	03:52	3:55	4:00	4:07	4:25
	05:05	5:08	5:13	5:18	5:35
	06:20	6:23	6:28	6:33	6:50
	07:30	7:33	7:38	7:43	8:00
	08:45	8:48	8:53	8:58	9:15
	10:15	10:18	10:23	10:28	10:45

Bus fares (one way)	
Stops	Fares
1	$1.00
2	$1.50
3	$1.90
4	$2.20
5	$2.50



15 Answer the questions.

a What bus would Fred need to catch on Wednesday from Railway St to be at Harris St by 10:47 am? _____

b What bus would Sally need to catch on Friday from Campbell St to be at Circular Quay by 1:20 pm? _____

c On Monday, Alisha had to be at Carillon Ave by 10:40 am. If she caught the 11:17 bus from Campbell St how late would she be? _____

d Bill wanted to be at Circular Quay by 6:50 pm on Saturday. What bus would he need to catch from Campbell St? _____

e Tom caught the 10:52 am bus from Campbell St on Saturday. Would he be at Harris St by 11:05 am? _____

16 Solve the problems.

a Jessica travelled from Campbell St to Carillon Ave. How much change would she get if she paid for her fare with a $50 note? _____

b Harry, James and Peter got on the bus at Railway St and got off at Circular Quay. Harry paid for all their fares with a $20 note. How much change did he get? _____

c Larissa makes 10 trips from Railway St to Circular Quay each week. Because she does so many trips, she buys a weekly ticket that costs 20% less than the daily rate. How much does Larissa's weekly ticket cost? _____

INFORMATION REPORT: INVENTIONS

Choose an item that you think is of great use in everyday life. Use a library and/or the internet to research the invention of the item. For instance you could look at the can opener!

1. Use the headings below to help organise your notes.
2. When you have gathered your information write your report over the page. You will have to create your own sub-headings, including an introduction and conclusion!

Name of invention:

Brief description of the invention:

Who invented it?

When was it invented/first used?

Where did it originate from?

How has it changed over the years?

Other interesting facts:

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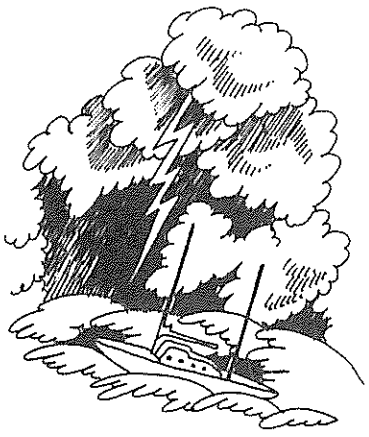
As the storm moved in from the sea, the waves crashed thunderously on the sand.

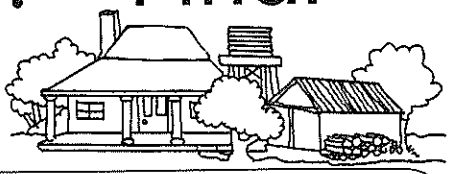


The sky darkened, but for the occasional streak of lightning.

Boats were tossed like corks in a tub as wild winds joined the fury.

Teacher

24 I Can Do That!—Final revision



The drover, an ex-squatter, is away with the sheep. His wife and children are left here alone.

Four ragged, dried-up-looking children are playing about the house. Suddenly one of them yells, "Snake! Mother, here's a snake!"

The gaunt, sun-browned bushwoman dashes from the kitchen, snatches her baby from the ground, holds it on her left hip, and reaches for a stick.

"Where is it?"

"Here! Gone into the wood-heap!" yells the eldest boy—a sharp-faced excited urchin of eleven. "Stop here mother! I'll have him. Stand back! I'll have him!"

"Tommy, come here or you'll be bitten. Come here at once when I tell you!"

The youngster comes reluctantly, carrying a stick bigger than himself. Then he yells triumphantly, "There it goes—under the house!" and darts away with club uplifted.

from The Drover's Wife by Henry Lawson

1 Read the extract and answer the questions.

a Where do you think these events are taking place? _____

_____

b How did the mother protect the baby? _____

_____

c How was the boy going to deal with the snake? _____

_____

d How many other children were there to worry about? _____

e What worries would they have about the snake going under the house?

_____

2 Punctuate the next part of the story.

at the same time the big black yellow-eyed dog-of-all-breeds who has shown the wildest interest in the proceedings breaks his chain and rushes after the snake he is a moment late however and his nose reaches the crack in the slabs just as the end of its tail disappears almost at the same moment the boys club comes down and skins the aforesaid nose alligator takes small notice of this and proceeds to undermine the building but he is subdued after a struggle and chained up they cannot afford to lose him

3 Underline the verbs in the passage, circle the adverbs and put a box around any multiple adjectives you can find.

4 Replace the underlined words with two words, one of which uses an apostrophe.

a The <u>nose of the dog</u> was badly skinned.

_____

b It was a lonely life for the <u>wife of the drover</u>.

_____

c Anyone could see from the <u>clothes of the children</u> that they were poor.

_____

5 Find words in the passage that are synonyms for:

a thin _____ b holding _____ c scamp _____

6 Find words in the passage that are antonyms for:

a smaller _____ b willingly _____ c unexcited _____

7 How many paragraphs are there in the passage? _____

8 Add the verb and the subject.

a The old dog _____

b Their worried mother _____

9 Use an adverbial of time, place or reason to begin these sentences.

a _____ the snake slithered out of sight.

b _____ the boy had to take his father's place.

10 Blend these sentences together using conjunctions, relative conjunctions or any other of your sentence blending skills.

a Snakes can be very dangerous. Only the snakes with fangs are venomous.

_____

b Snakes are cold-blooded. They sleep through the winter.

_____

protection. We were thinking a lot about things like that while the war was on. And An and Bao sound a bit like Annie and Bob.'

By now he wasn't looking at the gnomes anymore. He seemed like his mind was in another place, or maybe another time. Then he came back and looked at me again. 'Sorry, James. I get a bit carried away sometimes when I think about the old days.'

'It's okay,' I said. 'It's interesting. So you were in the war? That must have been scary.'

'Yeah, it was, but life is scary, James. The funny thing is that Annie worried like mad when I was away, but I came back here safe and sound. Then, after all the danger I'd been in, she was the one who got sick and died. Neither of us ever worried that that might happen. It just happened. It just goes to show you how much good worrying does, hey? You can worry all you like, but chances are you're worrying about the wrong things.'

That was when Mum called me in for lunch.

* * *

And now, here I am, on a midnight stake-out in Gnome City, and I'm feeling very uncomfortable. Not just because my knees are getting sore on the hard ground, but because I don't feel at all right about this.

Okay, I know that technically you shouldn't take things from other people without their permission, but after I'd talked to Dylan I thought of some reasons where there might be an exception.

Number one: it's not stealing. It's a dare. It's just like jumping off a diving board.

Number two: if I do it, I'm in the gang. And when I turn up at my new school, I'm not alone.

Reading Magazine

Midnight in Gnome City- story by Terry Lavelle (p. 23)

Discuss- Full sentences for extended responses

Paragraphs- (new paragraphs for dialogue)*- p1- *By now he wasn't ... p.3- "Yeah, it was, ... p. 5– An now, here I am... p.8- Number two: if I do it

Find the word that mean the same (synonyms) as the word below:

b) frightening (adj, p2) _____ b) waiting outside (n, p5) _____

c) theoretically (adv, p6) _____ d) consent (n, p6) _____

e) allowance (n, p.6) _____

2. Why did Bob stop looking at the gnomes?

3. What do we find out about what happened to Bob's wife?

4. Why is James 'uncomfortable' during the stake-out?

5. What are the three (3) excuses that James thinks about as to why it isn't stealing? (Look at page 24 too)

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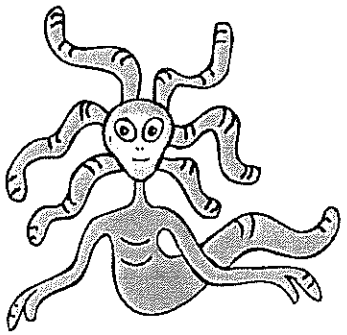
6. **Explain (in your own words)** Bob's message about worrying.

DESCRIPTION: AN ALIEN MONSTER



Let's write a sustained description. Write an imaginative description of an alien monster on the lines below.

Make sure you include the following paragraphs:

- ✯ a short, clever and interesting introduction
- ✯ a description of the head
- ✯ a description of the body
- ✯ a description of the arms/legs
- ✯ a description of the special features
- ✯ a short, interesting, clever ending

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unit 7

Two digits multiplied by one digit

Week 9, Yr 5, Thurs

$$\begin{array}{r} {}^{1}3\ 5 \\ \times\quad 3 \\ \hline 1\ 0\ 5 \end{array}$$

$3 \times 5 = 15$ ones
Write 5 in the ones column and trade 10 ones for 1 ten and write the 1 in the tens column.
3×3 tens equals 9 tens plus 1 ten which equals 10 tens.
Write the 0 in the tens column and the 1 in the hundreds.

1 Solve each multiplication using the shortened form.

a $\begin{array}{r} 2\ 7 \\ \times\quad 3 \\ \hline \end{array}$ **b** $\begin{array}{r} 2\ 3 \\ \times\quad 4 \\ \hline \end{array}$ **c** $\begin{array}{r} 2\ 9 \\ \times\quad 3 \\ \hline \end{array}$ **d** $\begin{array}{r} 3\ 7 \\ \times\quad 5 \\ \hline \end{array}$ **e** $\begin{array}{r} 4\ 6 \\ \times\quad 4 \\ \hline \end{array}$

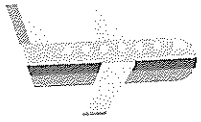
f $\begin{array}{r} 6\ 3 \\ \times\quad 4 \\ \hline \end{array}$ **g** $\begin{array}{r} 4\ 8 \\ \times\quad 5 \\ \hline \end{array}$ **h** $\begin{array}{r} 7\ 4 \\ \times\quad 6 \\ \hline \end{array}$ **i** $\begin{array}{r} 2\ 9 \\ \times\quad 7 \\ \hline \end{array}$ **j** $\begin{array}{r} 6\ 3 \\ \times\quad 8 \\ \hline \end{array}$

Check the reasonableness of your answers below using estimation. Record your estimates in the boxes.

k $\begin{array}{r} 5\ 6 \\ \times\quad 6 \\ \hline \end{array}$ **l** $\begin{array}{r} 4\ 9 \\ \times\quad 8 \\ \hline \end{array}$ **m** $\begin{array}{r} 2\ 8 \\ \times\quad 7 \\ \hline \end{array}$ **n** $\begin{array}{r} 4\ 6 \\ \times\quad 5 \\ \hline \end{array}$ **o** $\begin{array}{r} 6\ 4 \\ \times\quad 4 \\ \hline \end{array}$

2 Solve these problems.

a The pilot usually completes 29 flights each month. How many flights will she complete in 9 months?



b How many thumb tacks are there if there are 7 packs with 52 thumb tacks in each pack?

c The average mass of each netball player in the squad is 68 kg. What is the total mass of the 9 members of the team?

3 Multiply 45 by any number so that the product is a number between 120 and 370

Oxford University P

UNIT 7

Multiplication strategies

Week 9, Yr 6, Thurs

1 Find the answers through multiplication.

a $(3 + 7) \times 9 =$ _____

b $5 \times (7 - 4) =$ _____

c $(100 - 75) \times 2 =$ _____

d $(100 - 75) \div 5 =$ _____

e $5 \times (7 + 6) =$ _____

f $6 \times (15 + 5) =$ _____

g $7 \times (63 + 27) =$ _____

h $(36 + 9) \div 5 =$ _____

i $(54 + 9) \div 7 =$ _____

j $(81 + 9) \div 9 =$ _____

k $(36 + 12) \div 8 =$ _____

l $(5 + 9) \times 5 \div 7 =$ _____

m $(3 + 6) \times 3 \div 9 =$ _____

n $(13 + 17) \div 3 \times 5 =$ _____

2 Use multiplication facts and your knowledge of place value to answer these questions.
For example 40 × 60 equals 4 tens × 6 tens which equals 24 hundreds (2400).

a $20 \times 30 =$ _____

b $40 \times 30 =$ _____

c $50 \times 30 =$ _____

d $40 \times 50 =$ _____

e $50 \times 60 =$ _____

f $30 \times 70 =$ _____

g $50 \times 90 =$ _____

h $30 \times 60 =$ _____

i $80 \times 50 =$ _____

j $90 \times 90 =$ _____

k $90 \times 70 =$ _____

l $80 \times 90 =$ _____

m $60 \times 90 =$ _____

n $60 \times 70 =$ _____

o $90 \times 40 =$ _____

3 Mentally calculate the answers to these multiplications.

a $25 \times 3 =$ _____

b $36 \times 3 =$ _____

c $42 \times 4 =$ _____

d $63 \times 3 =$ _____

e $72 \times 2 =$ _____

f $31 \times 7 =$ _____

g $45 \times 5 =$ _____

h $54 \times 3 =$ _____

i $57 \times 4 =$ _____

j $74 \times 5 =$ _____

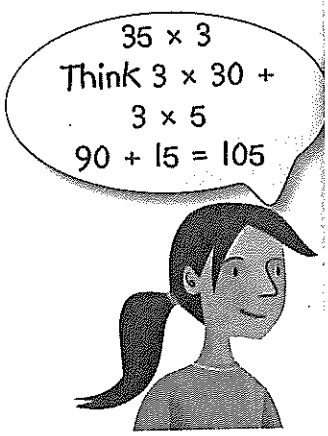
k $126 \times 3 =$ _____

l $134 \times 4 =$ _____

m $223 \times 3 =$ _____

n $232 \times 5 =$ _____

o $363 \times 6 =$ _____



4 Use known facts to answer the questions.
E.g. 14×7 = Think ⇨ $10 \times 7 = 70 + 7 + 7 + 7 + 7 = 98$

a $13 \times 5 =$ _____

b $13 \times 6 =$ _____

c $12 \times 7 =$ _____

d $13 \times 8 =$ _____

e $13 \times 4 =$ _____

f $14 \times 7 =$ _____

g $15 \times 6 =$ _____

h $13 \times 5 =$ _____

i $23 \times 6 =$ _____

j $24 \times 7 =$ _____

k $34 \times 5 =$ _____

l $35 \times 8 =$ _____

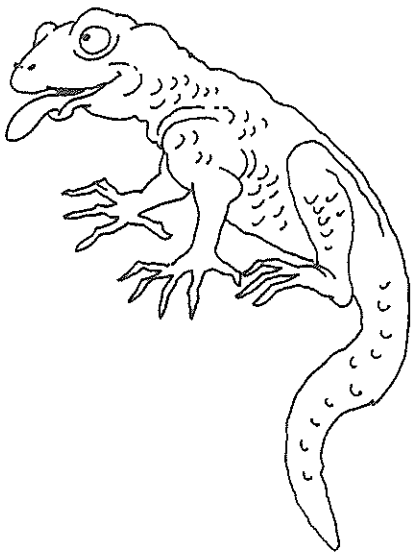
5 Use the skills you have learned above to solve these problems.

a Trevor needed to construct some paddocks on a farm. He needed to make 40 fences with a length of 50 m each. How many metres of fencing would he need? _____

b Kelly collected an average of 76 shells every time she went to the beach. If Kelly visited the beach 6 times, how many shells would she collect? _____

Problem solvi

The Blue-tongue lizard is a



The Blue-

well-known member of the

group of lizards called Skinks. It is

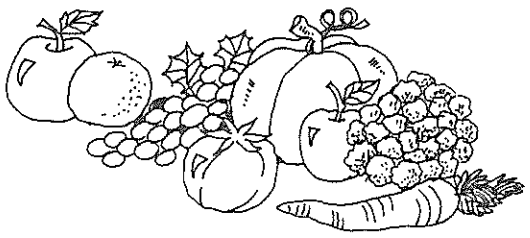
aptly named, for it has a bright blue

tongue, which it displays to great effect

when angry or alarmed.

Teacher

The man from the fruit shop is up
before dawn,
Off to the markets with not yet a
yawn.
He is back at his shop before we're
awake,
With fresh fruit and vegetables for us
to bake.



Teacher

12 I Can Do That!—Revision

Ruffy

He was standing brandishing a frying-pan about in his excitement, his great undeveloped man's figure clad in shabby trousers frayed at the hem, and showing a piece of sock, and an old coat his broad back had burst at the seams. His grey flannel shirt displayed itself below his shrinking coat-cuff, his collar was ragged and atrociously ironed. Below it all was the pink-silk knitted necktie that he always wore on Sundays, and carefully wrapped in tissue all the rest of the week.

"Look here," he said, and flung out one long arm; "look at the size of that—look at me. I'm a big strong fellow, aren't I? There's any amount of work to be got out of me. But no-one will have it. I can't even get ten shillings a week for it; I can't even get eight."

from ***The Little Larrikin*** *by Ethel Turner*

1 Read the pen picture of Ruffy and answer the following questions.

a Which words tell you that Ruffy was poor? _____

_____

b What did Ruffy wear for Sunday best? _____

c Why had Ruffy's coat burst at the seams? _____

_____

d What did Ruffy want to do? _____

e How much money do you think Ruffy was prepared to work for? _____

_____

2 Underline each of the nouns in the passage, with a double underline for each of the proper nouns.

3 Which adjectives from the story could be used to describe these nouns?:

a _____ jumper b _____ tablecloth c _____ python

d _____ clothes e _____ waterhole f _____ mansion

4 What adverbs you can find? _____ ly _____ ly

5 Ruffy is not mentioned in the pen picture, but there are some pronouns used instead of his name. There are other pronouns used as well. Write down all of the pronouns you can find.

_____

6 Find words in the passage that mean:

a folded _____ b powerful _____ c holding _____

d wide _____ e badly _____ f clothed _____

7 Circle any adverbials in the passage that tell where, when or how.

8 Use noun phrases to complete the sentences.

a _____ sped towards the bridge.

b It was then that we noticed _____ .

9 Improve the following sentences with adjectival phrases.

a A monstrous whale _____ surfaced beside the boat.

b We could not take our eyes off the singer _____ .

10 Punctuate the jokes.

what did the king s men say when humpty dumpty fell off the wall

not scrambled eggs again

_____

_____

patient doctor doctor I ve swallowed the film from my camera

doctor oh dear let s just wait and see what develops

_____

_____

11 Put these lists of things into sentences and make proper use of commas.

a batteries torch sleeping-bag water bottle rucksack

_____

b jellybeans licorice health bars fruit sandwiches drinks

_____

12 What do you think these imaginary acronyms stand for?

a MOTRA _____

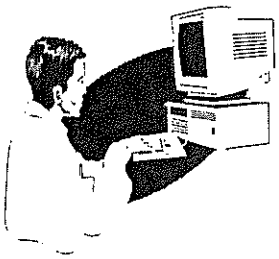
b RICHER _____

EXPOSITION: TECHNOLOGY IS VITAL

Let's write a sustained exposition. Think about why technology is essential in your community. Write the exposition on the lines below.

Make sure you include the following paragraphs:

- ✯ an introduction that states the topic and the argument
- ✯ why technology is vital in education
- ✯ why technology is vital in business
- ✯ why technology is vital for essential services
- ✯ why technology is vital in the home
- ✯ a short, interesting, clever ending



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unit 11

2-digit division

Week 9, Yr 5, Fri

Rick had 75 stamps to share among his five children. This is what he did.

75 shared among 5

$5\overline{)75}$

Share out the tens, with each person getting 1 ten.

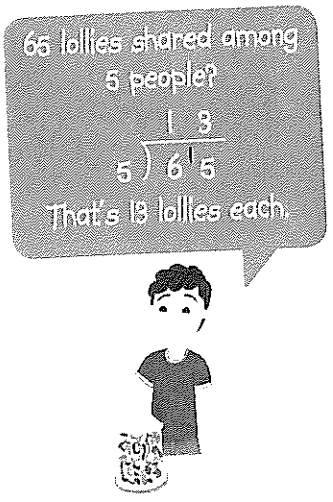
$5\overline{)\begin{array}{r}1\\75\end{array}}$

Trade the 2 tens left for 20 ones. Now share the 25 ones among 5.

$5\overline{)\begin{array}{r}15\\7^{2}5\end{array}}$

1 Find the quotients of these divisions.

a $3\overline{)45}$	**b** $4\overline{)52}$	**c** $5\overline{)65}$	**d** $6\overline{)72}$
e $4\overline{)56}$	**f** $2\overline{)36}$	**g** $3\overline{)48}$	**h** $5\overline{)70}$
i $2\overline{)32}$	**j** $3\overline{)42}$	**k** $2\overline{)52}$	**l** $4\overline{)96}$
m $2\overline{)38}$	**n** $3\overline{)51}$	**o** $4\overline{)92}$	**p** $6\overline{)84}$



2 Write a division fact from each multiplication fact.

a	6	×	4	=	24	24	÷	6	=
b	7	×	5	=			÷		=
c	8	×	6	=			÷		=
d	9	×	7	=			÷		=

3 Solve these problems and discuss with your classmates what you might do with any remainder.

a Jon had 27 football cards to share among himself and another two boys. How many cards did each child receive?

b There were 42 stickers to be shared among 8 children. How many did each child receive?

c Fatima had a bag of 34 lollies which she shared among herself and 3 other friends. How many did each child get?

d Zoe scored 28 home runs in 7 softball matches. What was her average score of home runs per match?

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UNIT 9

Division with fractional remainders

Week 9, Yr 6, Fri

Changing remainders into common fractions
Remainders can be written as a common fraction by putting the remainder over the divisor. In this division the remainder of 1 gets put over the divisor of 4 to become $\frac{1}{4}$.

$$\begin{array}{r} 6\text{r}1 \\ 4\overline{)25} \end{array} \text{ becomes } 6\frac{1}{4}$$

1 Complete these divisions, writing the remainders as a fraction. The first has been done.

a $\begin{array}{r} 1\,4\,1\,6\frac{2}{3} \\ 3\overline{)4^{1}2\,5^{2}0} \end{array}$

b $4\overline{)5\,6\,5\,7}$

c $5\overline{)6\,5\,5\,7}$

d $6\overline{)7\,8\,7\,4}$

e $4\overline{)5\,3\,6\,7}$

f $6\overline{)7\,5\,2\,3}$

g $4\overline{)5\,6\,7\,8}$

h $5\overline{)7\,3\,9\,7}$

i $3\overline{)5\,4\,7\,5}$

j $6\overline{)7\,6\,9\,0}$

k $6\overline{)8\,3\,5\,2}$

l $7\overline{)9\,3\,5\,7}$

m $6\overline{)8\,5\,4\,2}$

n $7\overline{)8\,4\,9\,4}$

o $8\overline{)9\,6\,1\,3}$

p $8\overline{)9\,7\,5\,4}$

q $7\overline{)8\,5\,5\,9}$

r $6\overline{)7\,2\,6\,7}$

s $5\overline{)7\,4\,2\,9}$

t $6\overline{)8\,6\,7\,4}$

u $5\overline{)8\,5\,4\,6}$

v $6\overline{)8\,2\,5\,9}$

w $7\overline{)9\,3\,5\,4}$

x $8\overline{)9\,6\,7\,0}$

y $7\overline{)8\,3\,8\,5}$

To calculate average speed in kilometres per hour (km/h) divide the total distance by the hours taken to complete the journey.

2 Solve the problems.

a Jack drove 475 kilometres in 5 hours. What is his average speed? _____ km/

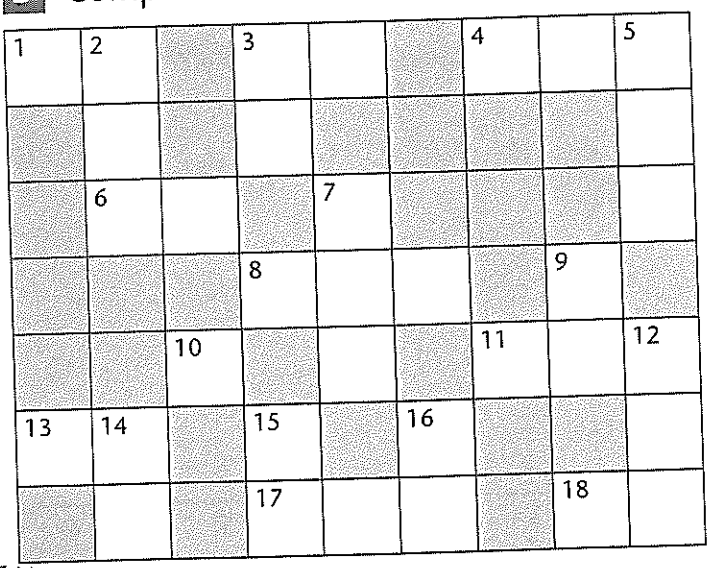
b Isla drove 390 kilometres in 6 hours. What is her average speed? _____ km/

c Eva drove 574 kilometres in 7 hours. What is her average speed? _____ km/

d Zachary drove 728 kilometres in 8 hours. What is his average speed? _____ km/

e Eli drove 702 kilometres in 9 hours. What is his average speed? _____ km/

3 Complete the number cross.



Across

1 $123 \div 3 =$
3 $296 \div 8 =$
4 $924 \div 2 =$
6 $384 \div 6 =$
8 $381 \div 3 =$
10 $64 \div 8 =$
11 $855 \div 5 =$
13 $729 \div 9 =$
17 $840 \div 4 =$
18 $581 \div 7 =$

Down

2 $252 \div 2 =$
3 $160 \div 5 =$
5 $705 \div 3 =$
7 $882 \div 7 =$
9 $469 \div 7 =$
12 $858 \div 6 =$
14 $150 \div 10 =$
15 $288 \div 4 =$
16 $640 \div 8 =$

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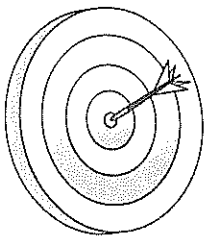
Select and apply efficient mental and written strategies, and appropriate digital technologies, Problem so

Unit 15 Add, Subtract, Multiply and Divide

Week 9 Yr 5 Fri

Level 1



1. How many children were on each bus if 8 buses were ordered to take the 384 children on the excursion?
2. Ben bought 6 packs of red balls and 2 packs of green balls. How many balls did he buy if there were 5 in each pack?
3. How many points did Mack get in the darts competition if he got two 20s and a 15?

Level 2

1. How many people were included in the survey if there were 14 523 males and 12 326 females?
2. How many building blocks were used if each of the nine models used 75 blocks?
3. 63 540 people attended the Grand Final. If roughly the same number of people sat in each of the 9 sections around the field, how many were in each section?

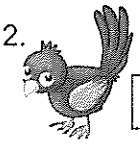
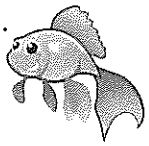
Level 3

1. Dani needs 75 lights for the Christmas tree. How many more does she need if she just bought 40 and already had 25?
2. Lila's dad gave her 40 pens to share with her friends. How many does she have left if she gave five to each of the five people at her table?
3. How many ice-creams were sold? Six vanilla were sold, strawberry was twice as popular as vanilla and chocolate was double strawberry.
4. A total of 137 718 people attended the opening and closing ceremonies of the Olympic Games. How many people attended the closing ceremony if 63 510 attended the opening ceremony?

Investigation

How many of each type of pet were at the pet show?

There were 46 pets in total.	More than half were dogs.	There were half as many birds as there were dogs.	There were 4 times as many dogs as there were cats.	There were 3 times as many birds as there were fish.

1. ☐
2.  ☐
3. ☐
4.  ☐

Unit 7 Length Week 9, Yr 6 Fri

Level 1

1. Tran has grown 130 millimetres since this time last year. How tall is she now if she was 1.42 metres?
2. Wes cut a 1.8 m piece of wood into tenths. How many centimetres long was each piece?
3. Charlie's step is 0.65 m. How far will he travel if he takes 10 steps?

Level 2

1. It is 3.855 km from my home to school. A short cut takes 0.65 km off the trip. How long is the shorter trip?
2. Each skipping rope is 150 cm long. How much rope is needed to make six skipping ropes?
3. How long would it take to travel 640 km, travelling at an average speed of 80 km/h?

Level 3

1. How many kilometres does Winston swim each day if he always completes 40 laps of the 50 metre pool?
2. The distance by road between two cities is 890 km. By air it is 20% shorter. What is the distance by air?
3. What is the length in millimetres of a chain that is comprised of 16 links, each 1.5 cm long?
4. How many metres of fencing are needed, if I need fencing along the back of my property and down both sides? My yard is 18 m wide and 15 m deep.

Investigation

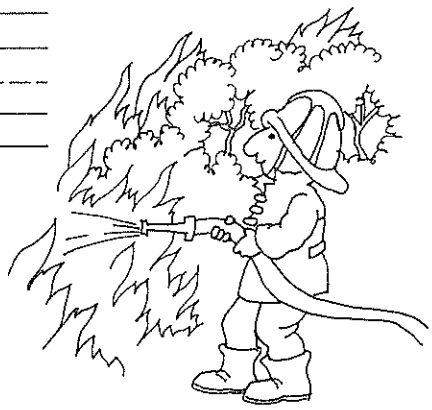
Length of coastline in kilometres

NSW	Vic.	Qld	SA	WA	Tas.	NT	Total
1900	1800	7400	3700	12 500	3200	6200	36 700

True or false.

1. The combined NSW and Vic. coastline is equal to that of SA. _____
2. The coastline of SA is half that of Qld. _____
3. Tasmania represents 10% of the total coastline. _____
4. WA's coastline is more than double that of NT. _____

Bushfires are a major hazard



in Australia particularly

towards the end of the summer. Hot,

dry conditions make the dead leaves

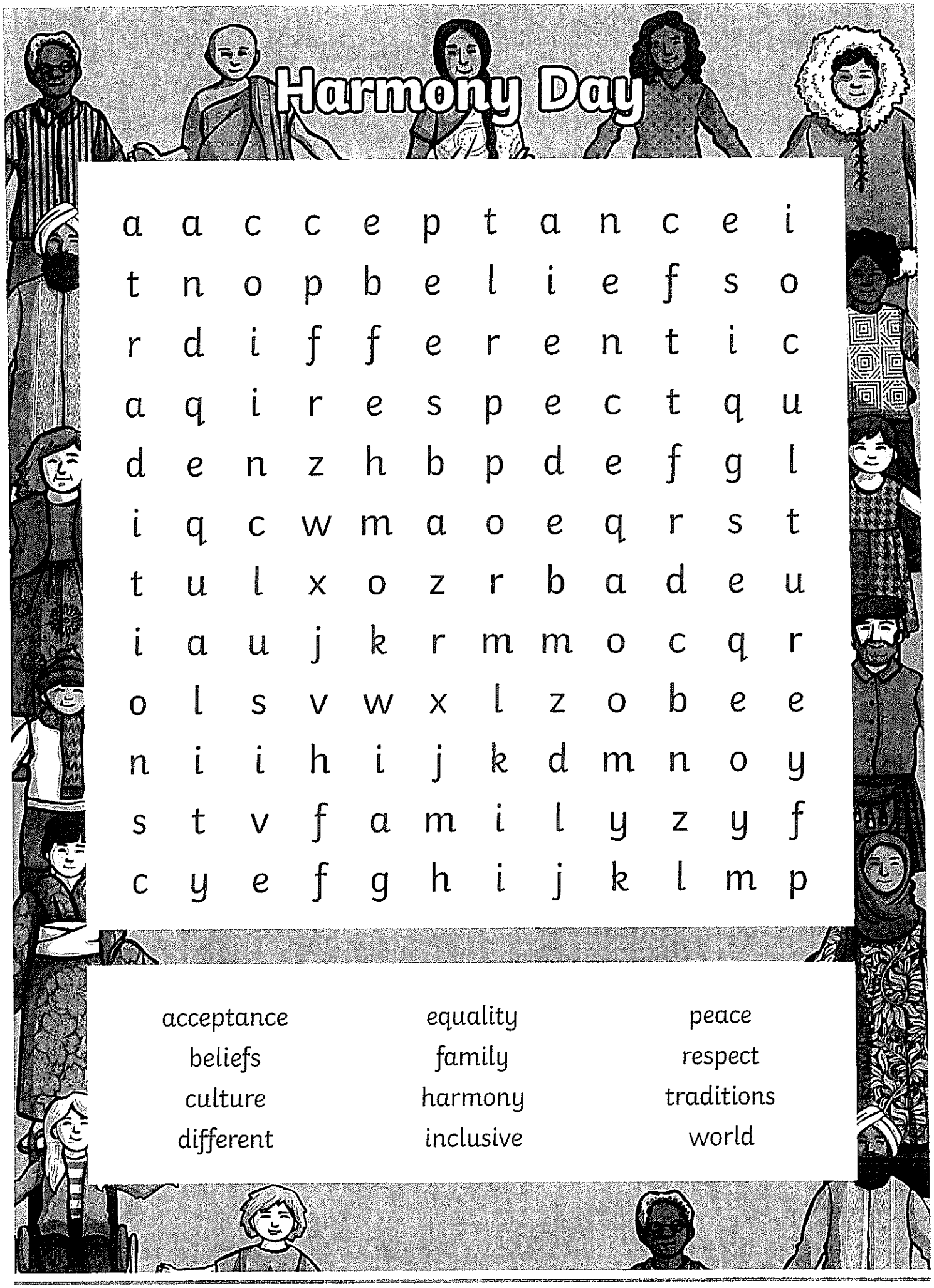
and undergrowth in bushland highly

inflammable. 1234567890

Teacher

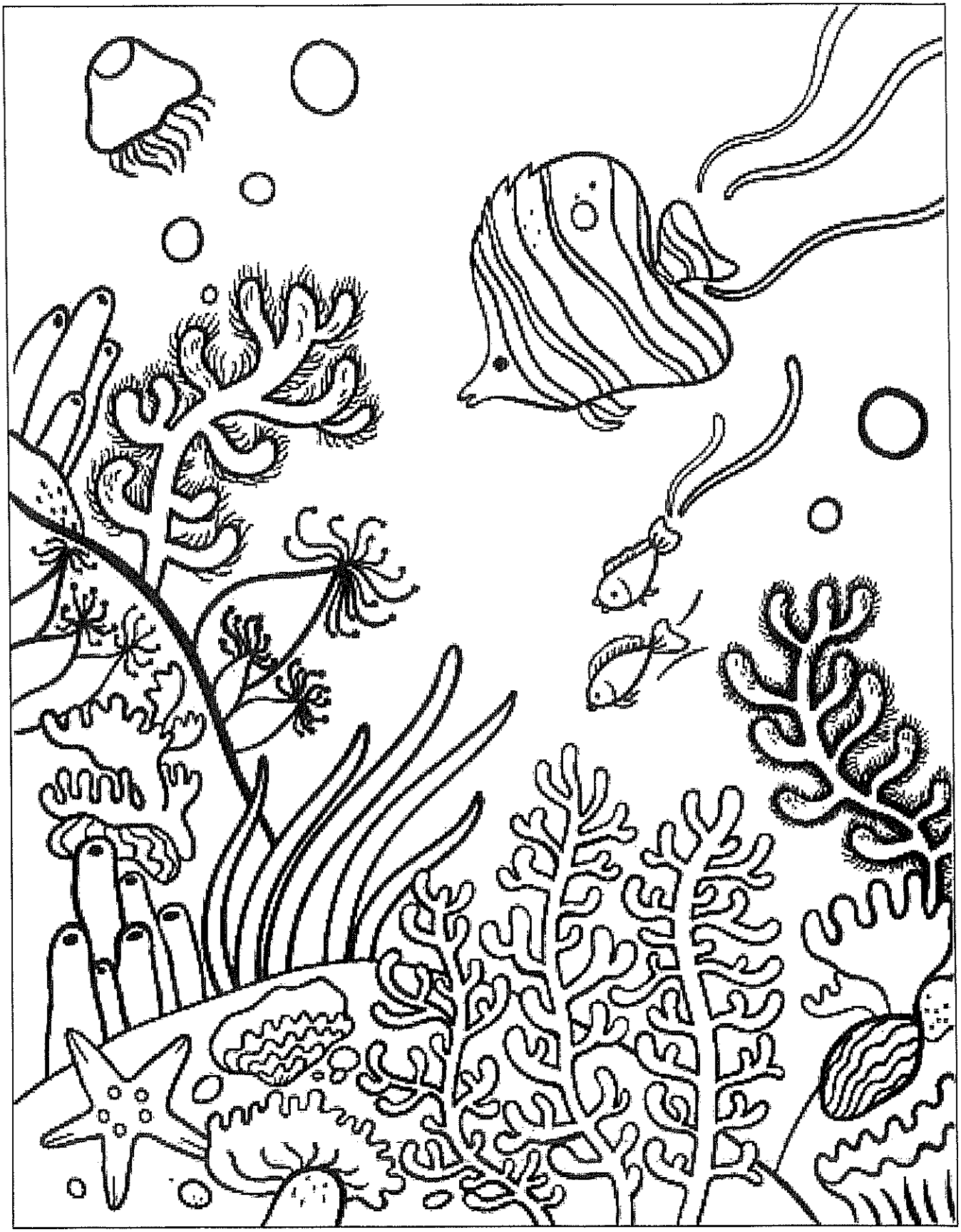
Harmony Day

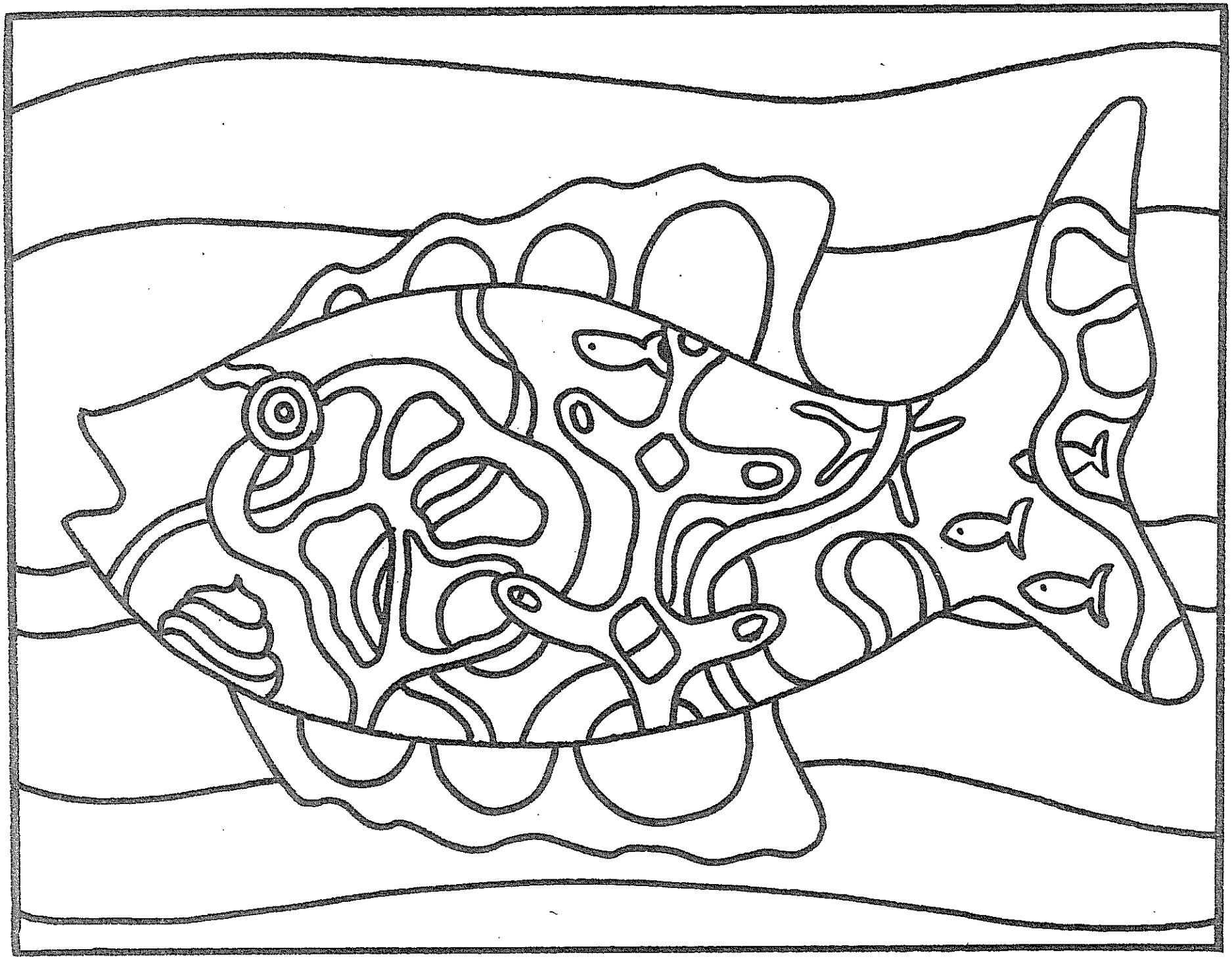
Harmony Day



a	a	c	c	e	p	t	a	n	c	e	i
t	n	o	p	b	e	l	i	e	f	s	o
r	d	i	f	f	e	r	e	n	t	i	c
a	q	i	r	e	s	p	e	c	t	q	u
d	e	n	z	h	b	p	d	e	f	g	l
i	q	c	w	m	a	o	e	q	r	s	t
t	u	l	x	o	z	r	b	a	d	e	u
i	a	u	j	k	r	m	m	o	c	q	r
o	l	s	v	w	x	l	z	o	b	e	e
n	i	i	h	i	j	k	d	m	n	o	y
s	t	v	f	a	m	i	l	y	z	y	f
c	y	e	f	g	h	i	j	k	l	m	p

acceptance	equality	peace
beliefs	family	respect
culture	harmony	traditions
different	inclusive	world





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