

Year 5
Remote
Teaching
Booklet 2

Homework

Week: 2

Reading

Write a script for an important scene of a book you are reading.

Draw a detailed map of the setting of a book you are reading.

Writing

Write a procedure about how to measure your shadow.

Write an explanation about what happens when water boils.

Measurement and Geometry

Calculate the area and perimeter of 3 different rooms in your home. Draw a scaled, labelled diagram of each room.

Create a timetable for all the important events in your day using 24-hour time. Write 5 word problems to accompany your timetable.

Statistics and Probability

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

Create a graph of each family member's height (including yourself). Explain why the graph you have chosen is the most sensible choice.

Language/Vocabulary

Choose a topic that interests you. Write a brief factual paragraph about this topic, then write a brief imaginative paragraph. List some differences that you notice between the two texts.

Write 10 interesting compound sentences (sentences which contains a subordinate clause). Underline the main clause in each sentence.

Number and Algebra

During a weekly grocery shop, estimate the cost of all the items in your trolley. Check your estimate at the checkout.

Choose and list the price of 10 supermarket items. Round each price to the nearest dollar. Use the rounded price to calculate the total cost of the items.

Earth and Space Sciences

Draw and label a diagram which demonstrates how the earth, sun and moon interact with each other.

The Arts

Create a soundscape for a day at the beach. List the sounds you might hear and the instruments you would use to represent each sound.

Story starter!

Flying is supposed to be fun, right?

Poppy often dreamed about what her first flight would be like. She'd imagined it was like being a bird; free and weightlessly drifting through the clouds.

The first part of the journey had been exactly as she'd hoped it would be. Jasper agreed, signaling his enjoyment by barking enthusiastically from the co-pilot's seat.

Things were about to take a drastic turn for the worse...



Question time!

- ▶ What do you think it is that Poppy and Jasper have seen?
- ▶ Where do you think Poppy got the aircraft from?
- ▶ What will happen next?
- ▶ Where do you think they had planned on going?
- ▶ Will they reach their destination?
- ▶ Do you think it's hard to be a pilot?
- ▶ What skills do you think a pilot needs to possess?
- ▶ Do you think being a pilot is an interesting job?



Sentence challenge!

- ▶ Can you make a list of feelings that Poppy might be experiencing in the plane? E.g. Excited, shocked, nervous...
- ▶ Can you start a sentence using one of these feelings?
- ▶ E.g. Shocked, Poppy gasped as she noticed that it was now flying next to them...
- ▶ Terrified, Jasper let out a loud howl as they entered the thick cloud.



Sick sentences!

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

- ▶ The plane went through the sky.
- ▶ It was cloudy.
- ▶ The wind blew.



Perfect picture!

Imagine you can see
through Poppy's eyes.
Can you draw what she
can see?



The Moon

Do you ever look The Moon at night? Do you wonder what it would be like to visit the moon? Read on to find out more...

Moon and Sun:

The Moon shines very brightly, but it does not make its own light. It reflects the light of the Sun. When the Sun comes up for our daytime we think that the Moon goes away but it doesn't, it's just harder to see because the sky is so bright. Sometimes, if you look carefully, you can see the Moon in the sky during the day.



Did you know?

Day temperature: 107°C

Night temperature: -153°C

Distance from Earth: 238,857 miles

Diameter (from one side to the other): 2,160 miles

Length of Day: 708 hours

Orbit:

The Moon is the only thing that naturally goes round (orbits) the Earth – anything that does this is called a satellite. It takes the Moon about 28 days to go round the Earth once, we call this a lunar month.

Did you know we only ever see the same side of the Moon?

During its orbit the Moon is sometimes covered by a shadow of the Earth, this is what gives us the phases of the Moon, when it is waxing (growing bigger) and waning (getting smaller) with shapes including crescent and gibbous.

Moonwalking:

Only 12 people have ever walked on the Moon! The first person was Neil Armstrong on 20th July 1969. There were two other men on the mission: Buzz Aldrin and Michael Collins. Their space shuttle was called Apollo 11. It took them just over 3 days to get there.

You may have seen a film of people walking on the Moon and they bounce along. This is because the Moon's gravity is not as strong as the Earth's so people take longer to come back down when they go up in the air.

Photo courtesy of (shahbsharat, Aurel___@flickr.com) - granted under creative commons licence - attribution

Questions About The Moon

1. Who was the first man to walk on the Moon?

2. Where does the Moon get its light from?

3. How wide is the Moon?

4. How cold is the Moon at night?

5. What makes the shadow on the Moon to give it the different phases?

6. Why is the Moon warmer than Earth in the day?

7. Where does the Moon go in the daytime?

8. How long is a lunar month?

9. What is the distance from us to the Moon?

10. It took the astronauts just over 3 days to get to the Moon – how far could you travel in 3 days?

HAIKU

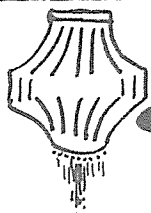
THE TRADITIONAL FORM OF JAPANESE POETRY.

THE FORM IS 3 LINES TOTALLING 17 SYLLABLES.

LINE 1: 5 SYLLABLES

LINE 2: 7 SYLLABLES

LINE 3: 5 SYLLABLES



LANTERN

POEMS.

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

Fire
 Crackling
 Searing heat
 Destroying life
 Death!

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

ONOMATOPOEIC

POEMS are

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

Supermarket

clattering
 clashing
 bustling
 shoving
 crashing
 kerrthump
 kerrthump kerrthump
 goes my
 trolley wheel!!

Correcting Spelling Mistakes 2

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

1. In the end, he made the right (disishon).
2. The school fair was a great (suckses).
3. I couldn't stop (larfing!).
4. Answer the (qwestions) carefully.
5. Do you have all the (ingredients) you need for the recipe?
6. He cleaned the kitchen (thuraly).
7. A (misterios) noise came from the old abandoned house.
8. It is (irasponsible) to go off without telling someone where you are going.

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

1. Laura giggled as she listened to the comedian's jokes.
2. My sandle broke and I had to walk with bare feet.
3. There are many interesting books in the libary.
4. The dialog between the two characters built the tension in the play.
5. I was feeling mirsable after losing my private diary.
6. The girl's disapearance was very distressing for her relatives.
7. The ancient temple had huge decorative colums.
8. She shrieked loudly when she saw the hideous monster!

Dictionary Skills

Task one

Below is a list of incorrectly spelt words. You need to use a dictionary to correct the spellings.

1. attractive _____
2. teecher _____
3. stewardant _____
4. beutiful _____
5. undagrownd _____
6. unyusuwal _____
7. elektrisitie _____

Task two

Now you have corrected the words, write down the page number the word was on and the dictionary definition of each word. Fill in the table.

Word	Page number	Definition

Task Three

Put these lists into alphabetical order.

List One

rugby
football
hockey
tennis
swimming

List Two

dog
digger
dance
duck
diet

List Three

caterpillar
car
cat
cabbage
cabin

List One

1. _____
2. _____
3. _____
4. _____
5. _____

List Two

1. _____
2. _____
3. _____
4. _____
5. _____

List Three

1. _____
2. _____
3. _____
4. _____
5. _____

Task Four

Some words have very similar meanings. You can use a dictionary to discover how they are different.

Look up the words below in a dictionary and write down what is slightly different about them.

1. hill peak mountain fell
2. street path lane road
3. horror fright terror fear

Write the meaning below.

1. hill peak mountain fell

2. street path lane road

3. horror fright terror fear

Task five

A dictionary tells you what type of word you have looked up. It tells you whether it is a noun, adjective, verb etc.

Look up the words below and write what kind of word they are.

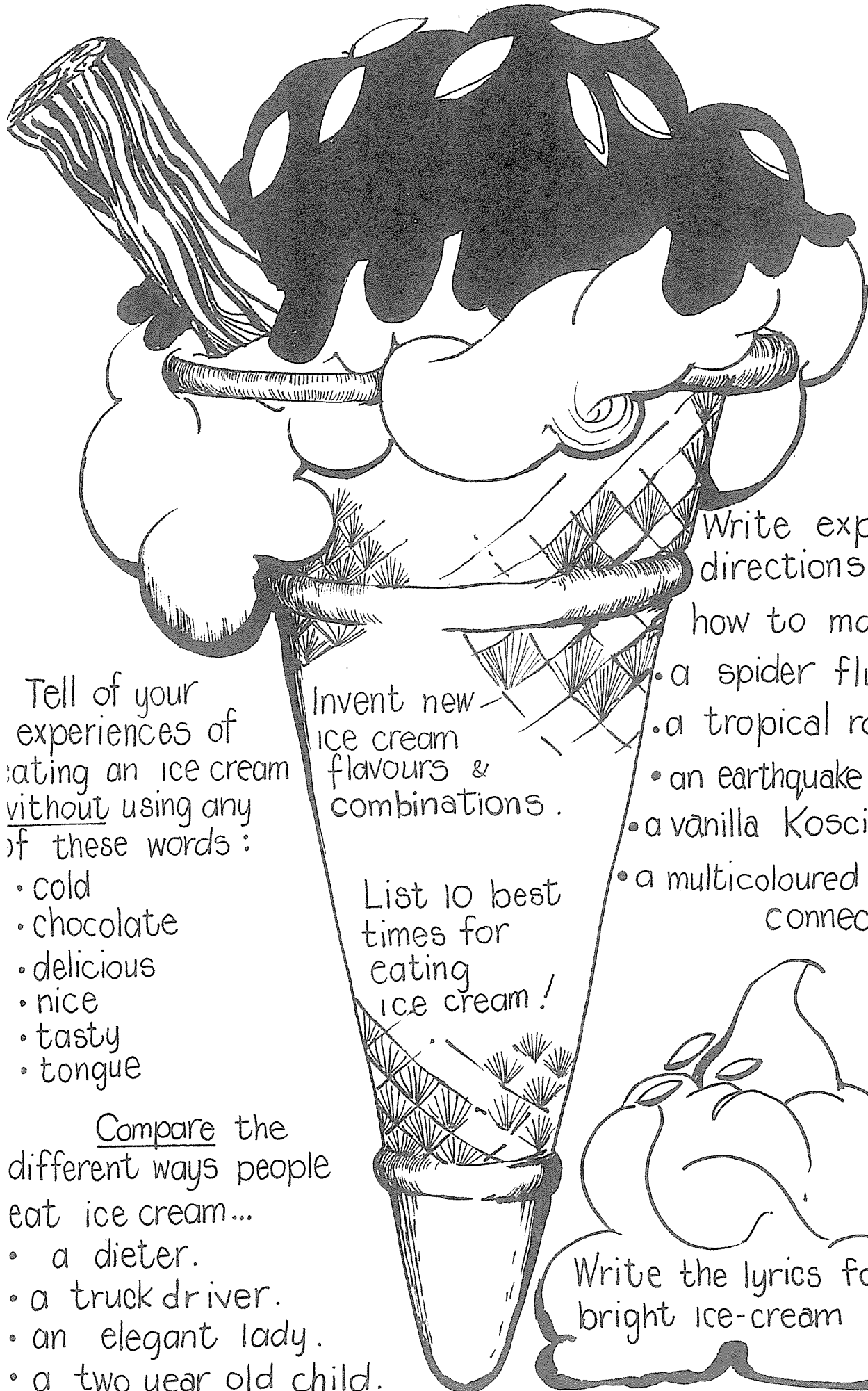
lorry _____

heavy _____

slowly _____

monkey _____

bear _____
tall _____
flat _____
quickly _____
awkwardly _____



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

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

Compare the different ways people eat ice cream...

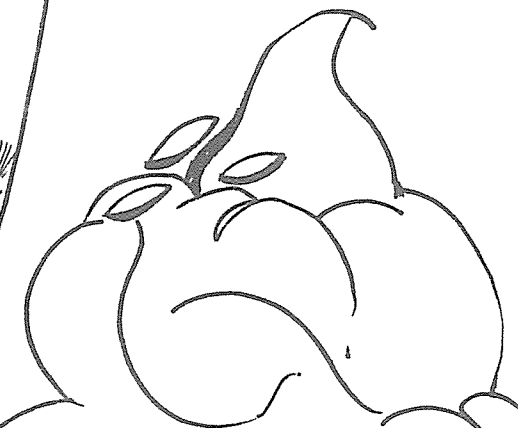
- a dieter.
- a truck driver.
- an elegant lady.
- a two year old child.
- a burglar.

Invent new ice cream flavours & combinations.

List 10 best times for eating ice cream!

Write explicit directions for how to make:

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



Write the lyrics for a bright ice-cream song.

100 POINTS of Family Fun

@rahbowiskrations

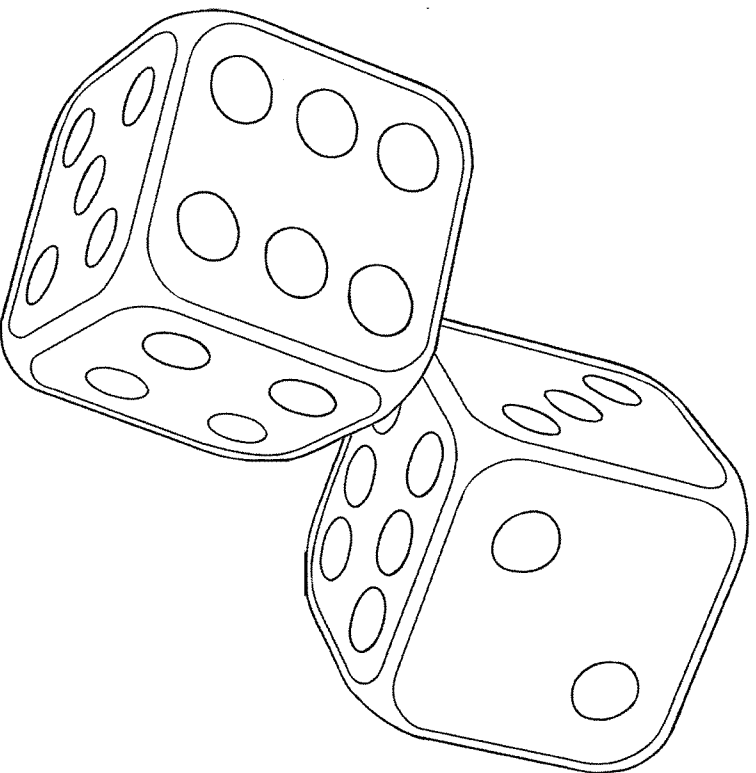
YOUR CHALLENGE IS TO SCORE A TOTAL OF 100 OR MORE POINTS

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

Multiplication Dice Game

How to play:

1. Roll the dice.
2. Multiply your two numbers.
3. Colour your answer on the grid.
4. The first person to colour four in a row wins!



18	12	24	8	10	24	6	15
36	30	12	9	2	5	4	18
4	24	4	8	6	8	15	3
10	12	25	15	20	6	16	8
36	12	12	30	5	12	5	30
10	25	1	9	5	6	10	20
18	20	9	10	16	15	4	3
1	30	4	20	2	3	6	15

UNIT 2

NUMBER SET 1

Write these numbers in numerals (questions 1 and 2):

1. seven thousand, five hundred _____
2. nine thousand and seventy-four _____
3. Take 9 from 32. _____
4. $15 - 8 =$ _____
5. Add 16 to 8. _____
6. $5 + 2 + 4 =$ _____
7. $7 \times 6 =$ _____
8. How many are there in 3 groups of 20? _____
9. Divide 45 by 5. _____
10. $12 \div 4 =$ _____
11. How many groups of 4 can be made from 24? _____
12. Write 32-hundredths as a decimal.

13. How many hundredths are in 0.51?

14. What is the cost of 2 at 99c each?

15. Share \$1 equally among 4. _____
16. How many 5c clips can I buy for 50c?

17. Increase 5 700 by 300. _____

Working Mathematically

A shopkeeper opened two boxes, each holding the same number of sweets. By the next day he had sold 0.55 of the first box and 0.6 of the second box. Which box had most sweets left in it, the first or the second?

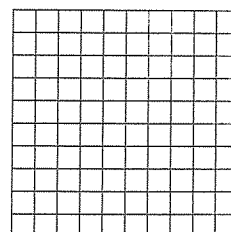
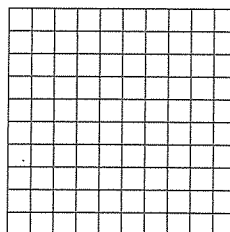
Explain how you reached your answer.



NUMBER SET 2

1. $\begin{array}{r} 243 \\ \times 4 \\ \hline \end{array}$	2. $\begin{array}{r} 364 \\ \times 3 \\ \hline \end{array}$	3. $\begin{array}{r} 53 \\ - 28 \\ \hline \end{array}$
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4. Make the largest 4-digit number possible with the numerals 5, 3, 7 and 6. _____
5. _____ \div _____ = 6
6. \$11.55 = _____ c
7. $8 \times$ _____ = 48
8. _____ - 6 = 15
9. $4 \times 9 =$ _____
10. 4×9 tens = _____
11. Share 27 equally between 3. _____
12. Write 3-tenths, 6 ones and 4-hundredths as a decimal. _____
13. Shade 1.7 of the shapes below:



14. How many \$5 notes equal the value of a \$50 note? _____
15. I spent \$15. How much change did I get from \$50? _____

MEASUREMENT

- 135 cm = _____ m _____ cm
- 2 m 5 cm = _____ cm
- 85 cm = _____ m
- 5.5 m = _____ cm
- 147 cm = _____ m

How many days in:

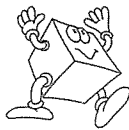
- January? _____ days
- September? _____ days
- February 2004? _____ days
- winter? _____ days
- the year 2001? _____ days

SPACE

About a rectangular prism:

- how many faces has it? _____
- what shape are they? _____
- how many edges has it? _____
- are they all the same length? _____
- how many corners (vertices are there)? _____

Draw the shape.



About a cube:

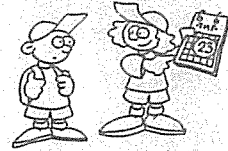
- how many faces has it? _____
- what shape are they? _____
- how many edges has it? _____
- are they all the same length? _____
- how many corners (vertices are there)? _____

Draw the shape.

Working Mathematically

Use your knowledge of measures of time to calculate your exact age:

- in years (and fractions of a year)
- in days
- in hours
- in minutes



Estimate first, then calculate.

See What is the problem?

Plan What strategy will you use?

Do Working

Check How close were your estimates?

EVALUATION



Number

Set 1

Set 2

Measurement

Space

Things I liked _____

Things I found difficult were _____

Pirate Themed Subtraction Facts up to 100 Mosaic

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

Black = 10 - 30

Brown = 31 - 60

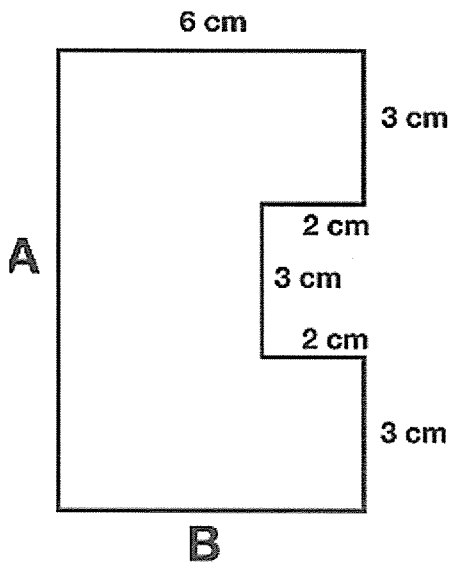
Grey = 61 - 99

		99 - 7	69 - 2	85 - 4				
		66 - 5		75 - 10				
		84 - 6		96 - 7				
				85 - 2				
				90 - 20				
			75 - 10	99 - 30	76 - 5			
		93 - 40	45 - 3	61 - 8	55 - 4	85 - 40		
		45 - 2	52 - 20	36 - 4	87 - 30	62 - 3		
		54 - 4	99 - 50	90 - 30	80 - 40	56 - 6		
		33 - 7	55 - 40	92 - 70	25 - 4	36 - 8		

Extra Challenge: When I subtract 2 from an odd number, I always get an even number. Is this true? Prove it?

Name: _____

Perimeter



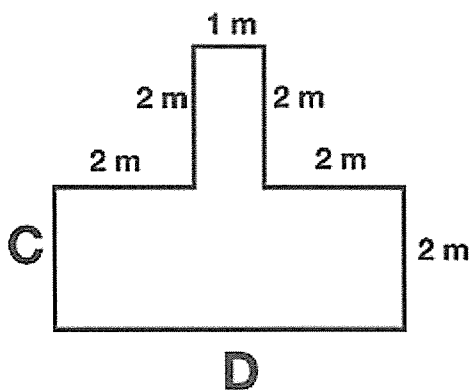
What is the length of side B? _____

Explain how you found the length of side B.

What is the length of side A? _____

Explain how you found the length of side A.

What is the perimeter of the shape? _____



What is the length of side C? _____

Explain how you found the length of side C.

What is the length of side D? _____

Explain how you found the length of side D.

What is the perimeter of the shape? _____

Name _____

Date _____

Mixed Operations Word Problems - Time

- ① Lucianne and Vivian both swam the 500 metre freestyle at the swimming carnival. Lucianne swam 100 metres every 15 seconds and Vivian swam 50 metres every 10 seconds.
- a) What was Lucianne's race time?

 - b) What was Vivian's race time?

 - c) Who was the faster swimmer?
-
- ② Joel has purchased a movie and is downloading it onto his computer. The movie uses 850 megabytes.
- a) How long in minutes will the download take, if it is downloading 10 megabytes every 5 seconds?

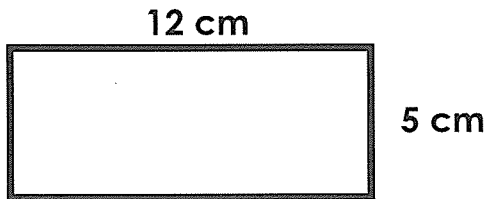
 - b) How long will it take if Joel wants to download the sequel to the movie which is 800 megabytes?



Name: _____

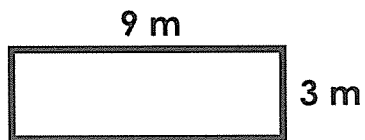
Area and Perimeter of Rectangles

Find the area and perimeter of each rectangle.



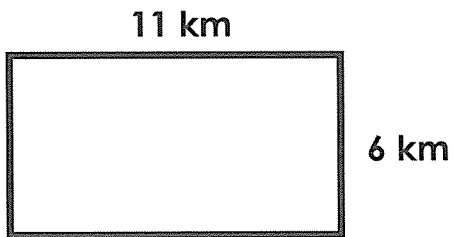
perimeter = _____

area = _____



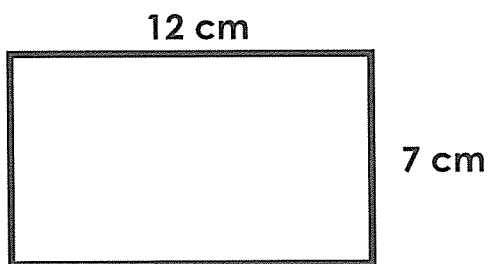
perimeter = _____

area = _____



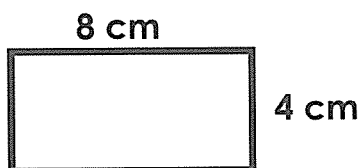
perimeter = _____

area = _____



perimeter = _____

area = _____



perimeter = _____

area = _____

