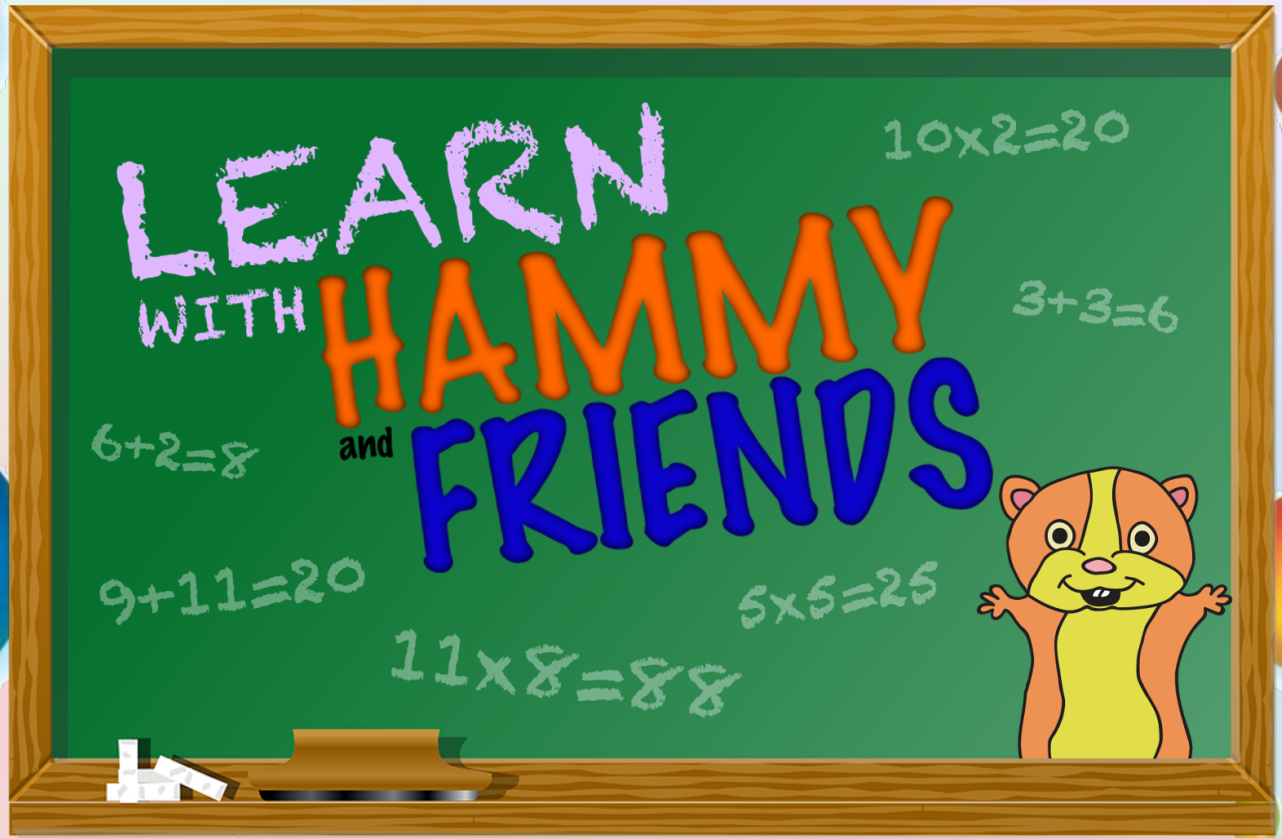


KEY STAGE 1



THIS BOOKLET BELONGS TO:

# Contents

## English:

- Alphabet
- Phonics
- Handwriting
- Spelling
- Punctuation
- Adjectives, Verbs & Nouns
- Sentences
- Test: Write a story

## Maths:

- Numbers
- Sequences
- Times Tables
- Addition
- Subtraction
- Multiplication
- Division
- Shapes
- Symmetry
- Tell the time
- Money
- Test time

## Science:

- Plants and Animals
- Habitats
- Human Body
- Light and Sound
- Electricity
- Forces and Movement
- Space
- States of Matter: solids, liquids and gases
- Experiments

English

# Alphabet

Help Barry say the alphabet out loud.



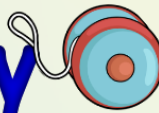
Aa  Bb  Cc  Dd  Ee 

Ff  Gg  Hh  Ii  Jj 

Kk  Ll  Mm  Nn  Oo 

Pp  Qq  Rr  Ss  Tt 


Uu  Vv  Ww  Xx 


Yy  Zz 



# Phonics

Circle the correct initial sound.


K  ~~C~~

F  L


P  U


B  K


T  J

N  L

B  D

K  C

A  H

X  L

# Handwriting

Trace the letters to help you write.

B B B B B

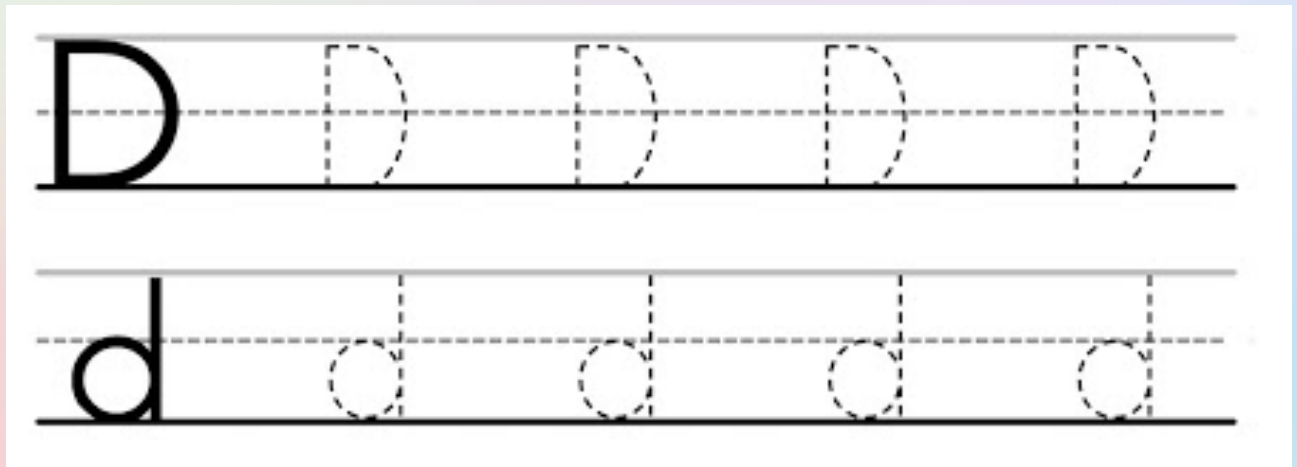
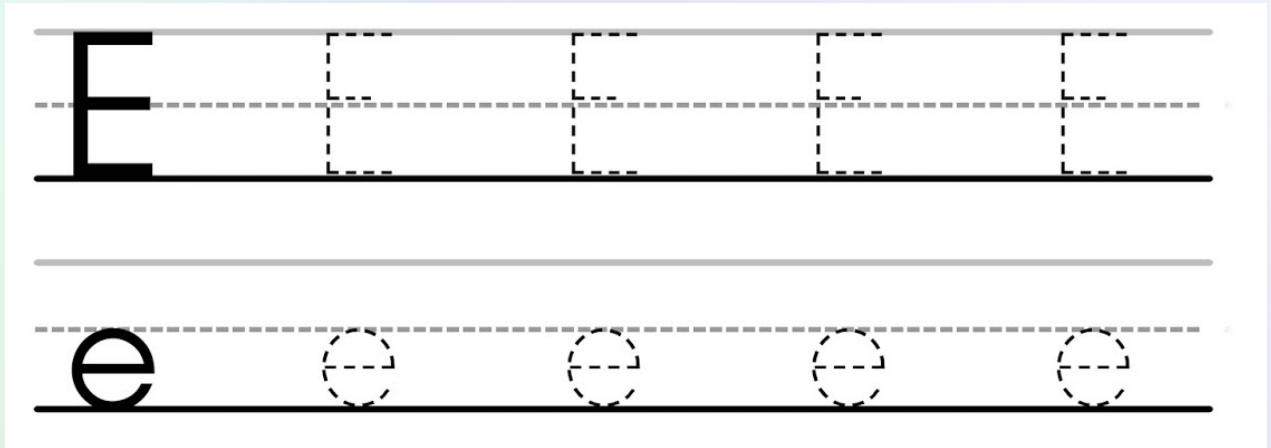
b b b b b

A A A A A

a a a a a

H H H H H

h h h h h



Now, that you have practised some handwriting, let's learn some spellings!

# Spelling

It's time to look, cover and write.

Look	Write	Write	Write
Rain			
Day			
See			
Lane			
Shoe			
Fear			



## Spelling

Time for a test. How many words can you spell correctly? Ask your parents to read them and you write them.


1. If	17. Moon	33. Around
2. Us	18. Food	34. Unload
3. It	19. Boat	35. Bridge
4. Is	20. Down	36. Adjust
5. The	21. Near	37. Middle
6. Off	22. Miss	38. Bottle
7. Yes	23. Think	39. Tunnel
8. Pal	24. Mouth	40. Mother
9. Tie	25. Month	41. Morning
10. Lie	26. Catch	
11. Cat	27. Thank	
12. Dog	28. Fresh	
13. They	29. These	
14. Home	30. Under	
15. Five	31. Winter	
16. Race	32. Church	


## This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal blue lines across its entire width. The lines are thin and consistent in color, set against a plain white background. There are no margins, text, or other markings present on the page.


# Punctuation


Carefully read through all the types of punctuation below as you will be tested on the next page.

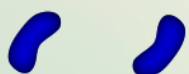
 **Full Stop** – this is used at the end of a sentence.

 **Comma** – marks a pause between parts of a sentence.

 **Question Mark** – marks the end of a sentence that is asked as a question.

 **Exclamation Mark** – marks the end of a sentence that expresses strong emotion.

 **Apostrophe** – shows possession.

 **Speech Marks** – Anything said as a speech.

## Punctuation

Fill in the missing punctuation marks.

1. What time is it
2. The weather is lovely today
3. 'Stop right there  ' shouted the guard.
4. I live with my mum  dad and brother.
5. Sam  s bag fell on the floor.
6.  Nice to see you  . Said Hammy.



# Adjectives, Verbs and Nouns

What is a...?

## ADJECTIVE

An adjective is a word that describes a noun.

## VERB

A verb is a 'doing' word.

## NOUN

A noun is a person, place or a thing.

Now, it's time for you to use and identify adjectives, verbs and nouns...

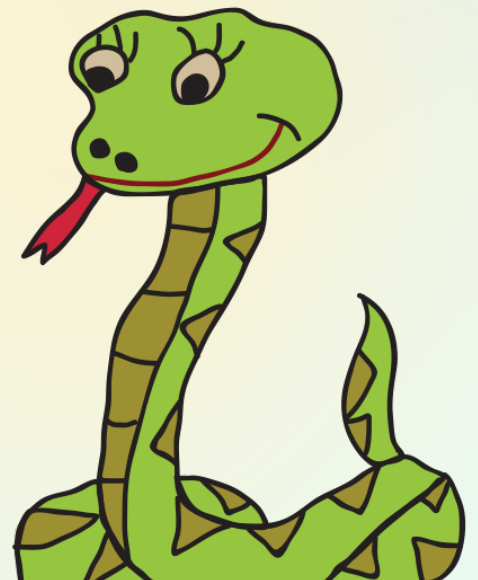
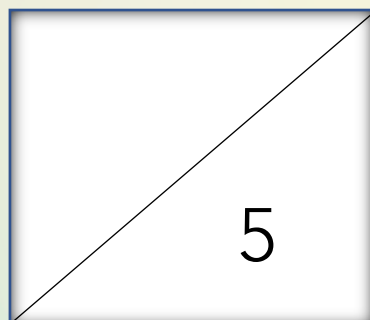
# Adjectives, Verbs and Nouns

Underline the adjectives in the following sentences.

1. The brown, soft dog was hungry.
2. The little girl was crying.
3. My mum has a red and shiny bag.
4. I love my fluffy pillow.
5. The green grass was very bright.

Let Sally know how well you did...

I got...



## Adjectives, Verbs and Nouns

Complete the following sentences with the correct verbs.

walk kitten say eat water fly book

stop paper mouse writes sang stood

1. I \_\_\_\_\_ an apple every day.
2. Let's \_\_\_\_\_ for some ice cream.
3. We \_\_\_\_\_ still for a picture.
4. Tim \_\_\_\_\_ letters to his cousin.
5. We \_\_\_\_\_ to the park after school.
6. The singer \_\_\_\_\_ a sad song.

# Adjectives, Verbs and Nouns

Sort all the nouns in the correct columns.

People	Places	Things

Teacher

Laptop

Apple

Tree

School

Blanket

Store

Pencil

Policeman

Grandma

Woman

Park

Queen

Children

Cloud

Home

City

Country



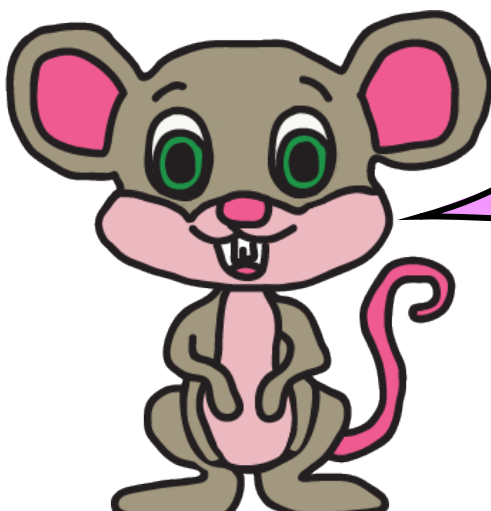
# Sentences

It's time for you to write some sentences. Write about what you did today.

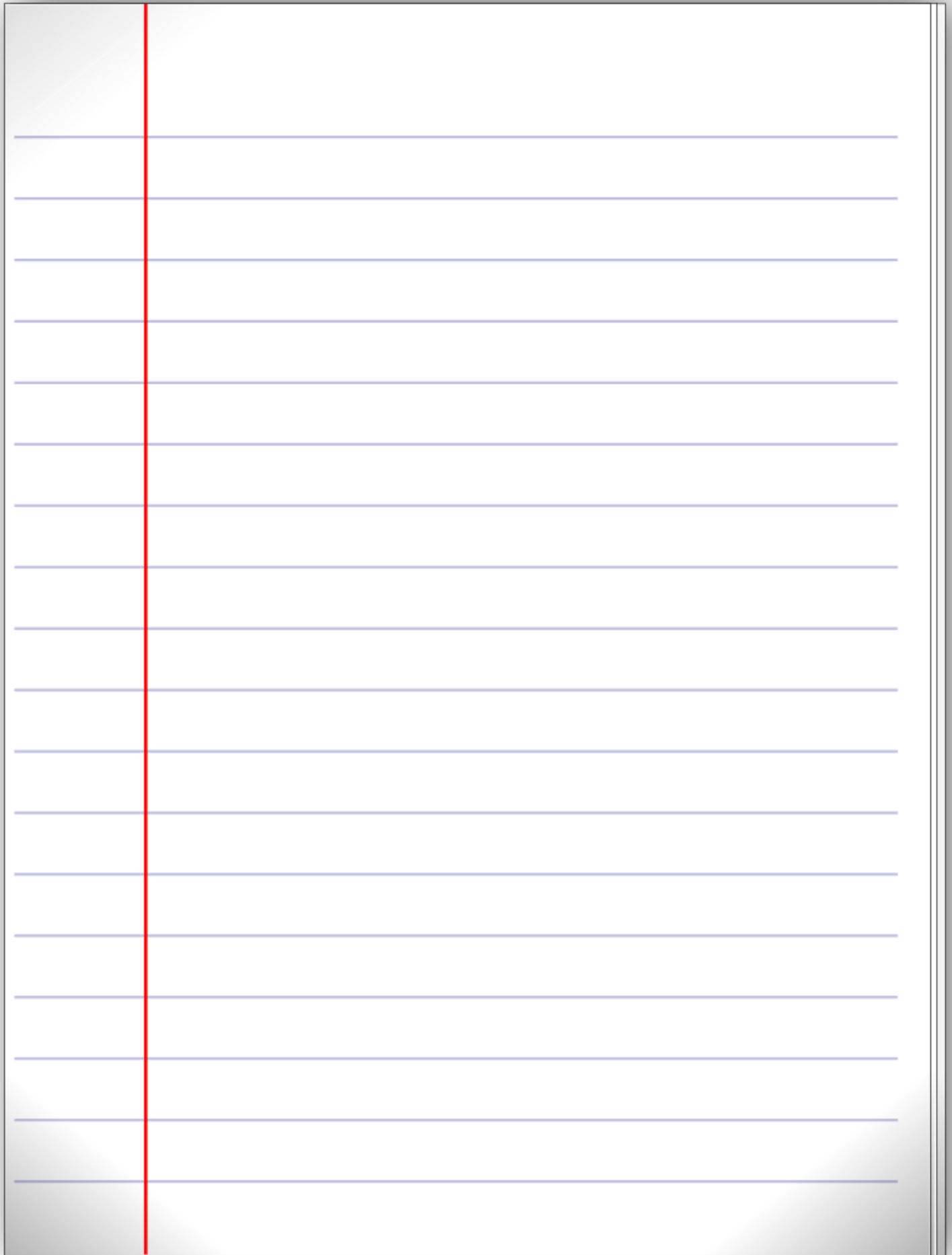
This image shows a full page of blank, lined paper. It features approximately 20 horizontal blue lines spaced evenly across the page, typical of notebook or legal stationery. The lines are thin and extend from the left edge towards the right. There is no handwriting, text, or other markings on the page.

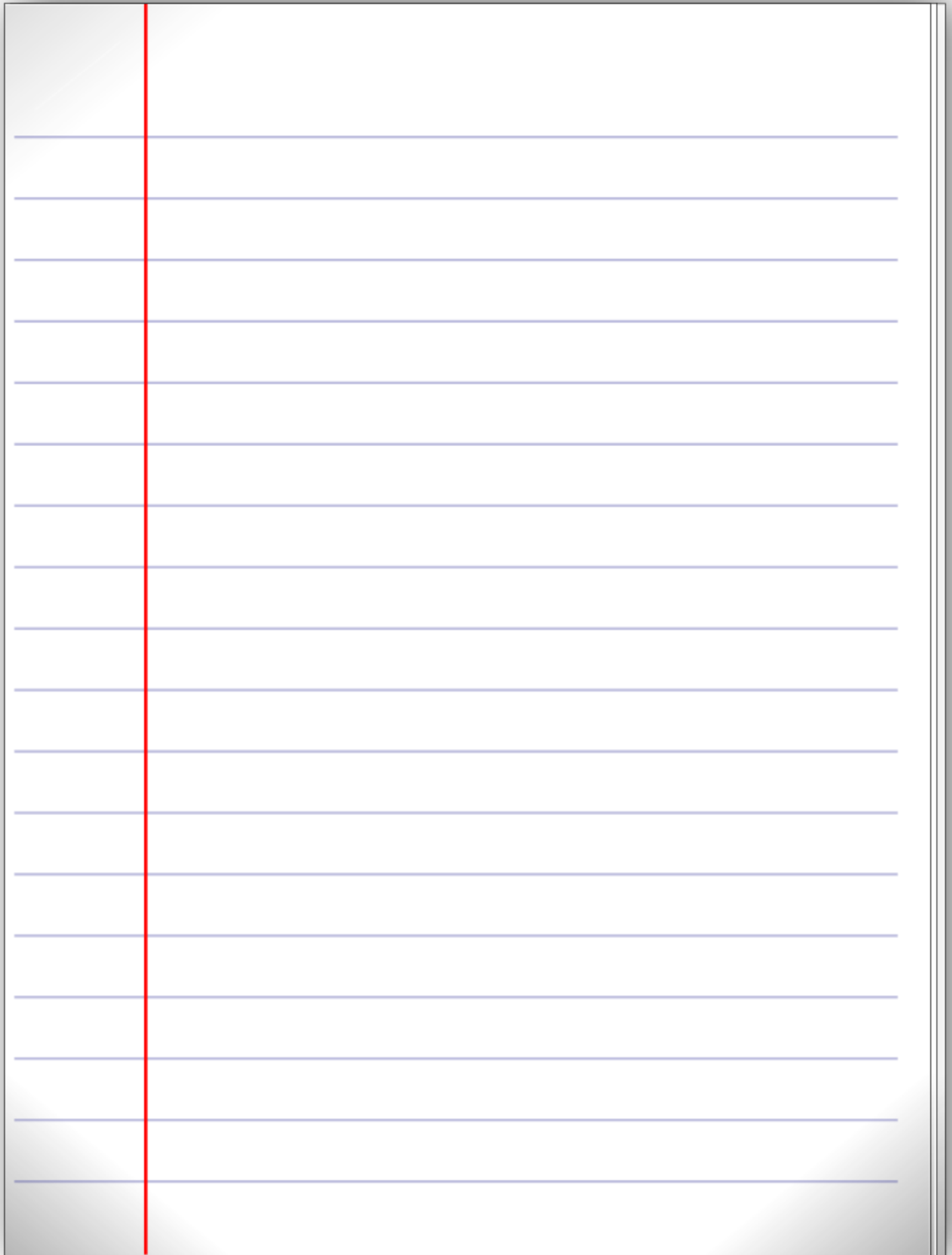
## Test: write a story

With all you have learnt in the English subject, it's time for you to write your very own story... use this space to plan and the following few pages to write.

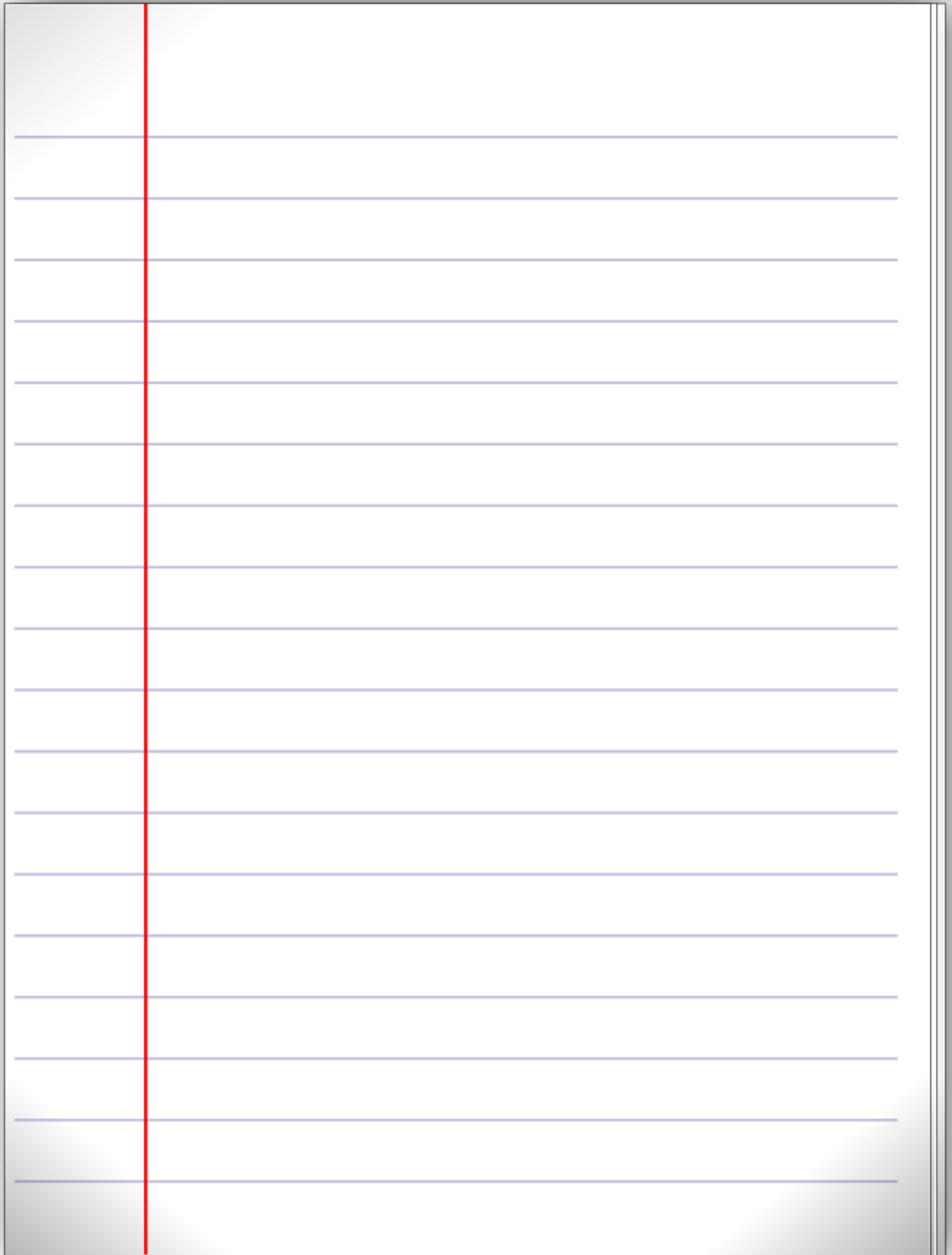


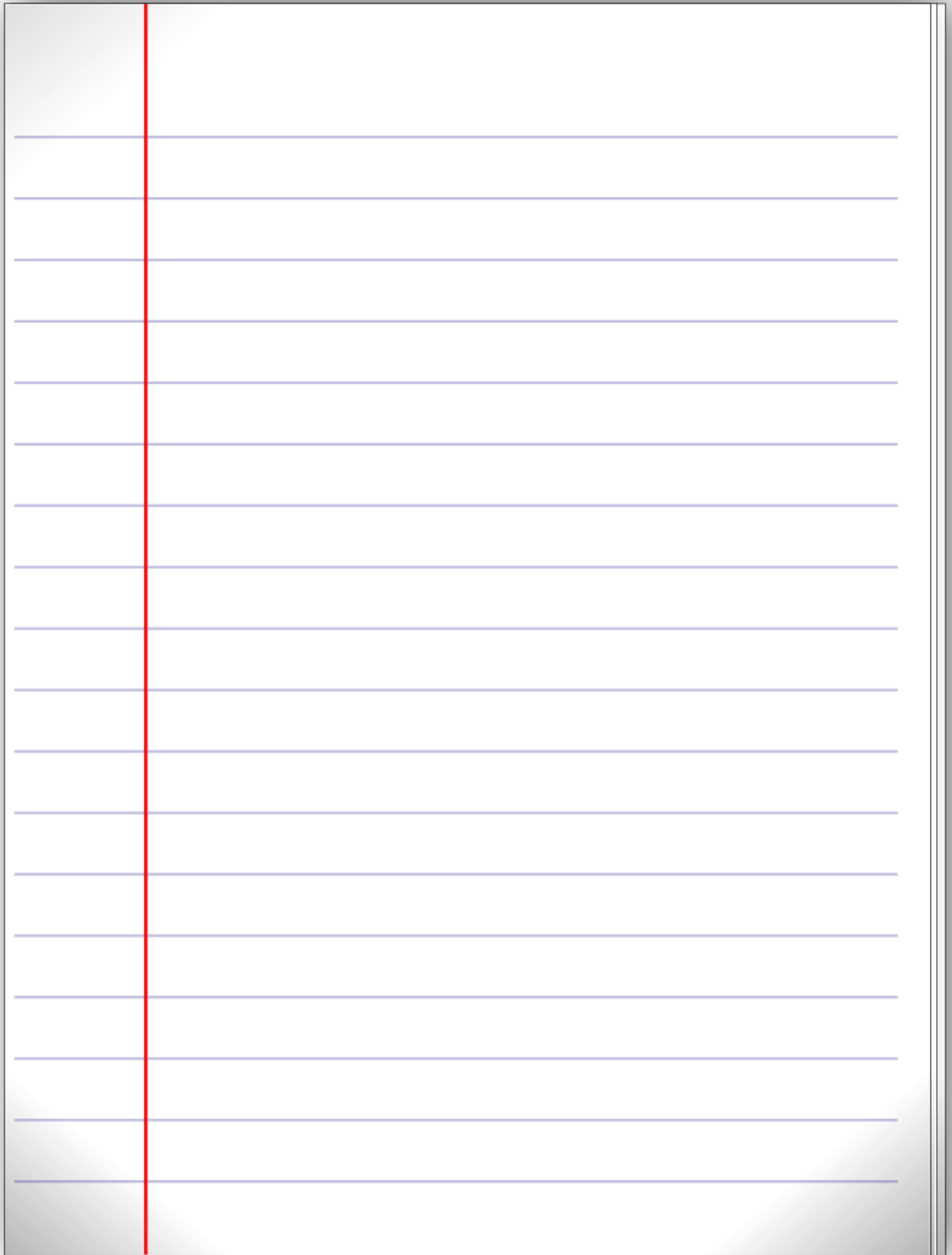
Good luck! Have fun writing your story. Please tell your parents to send it to us, we would love to read it.

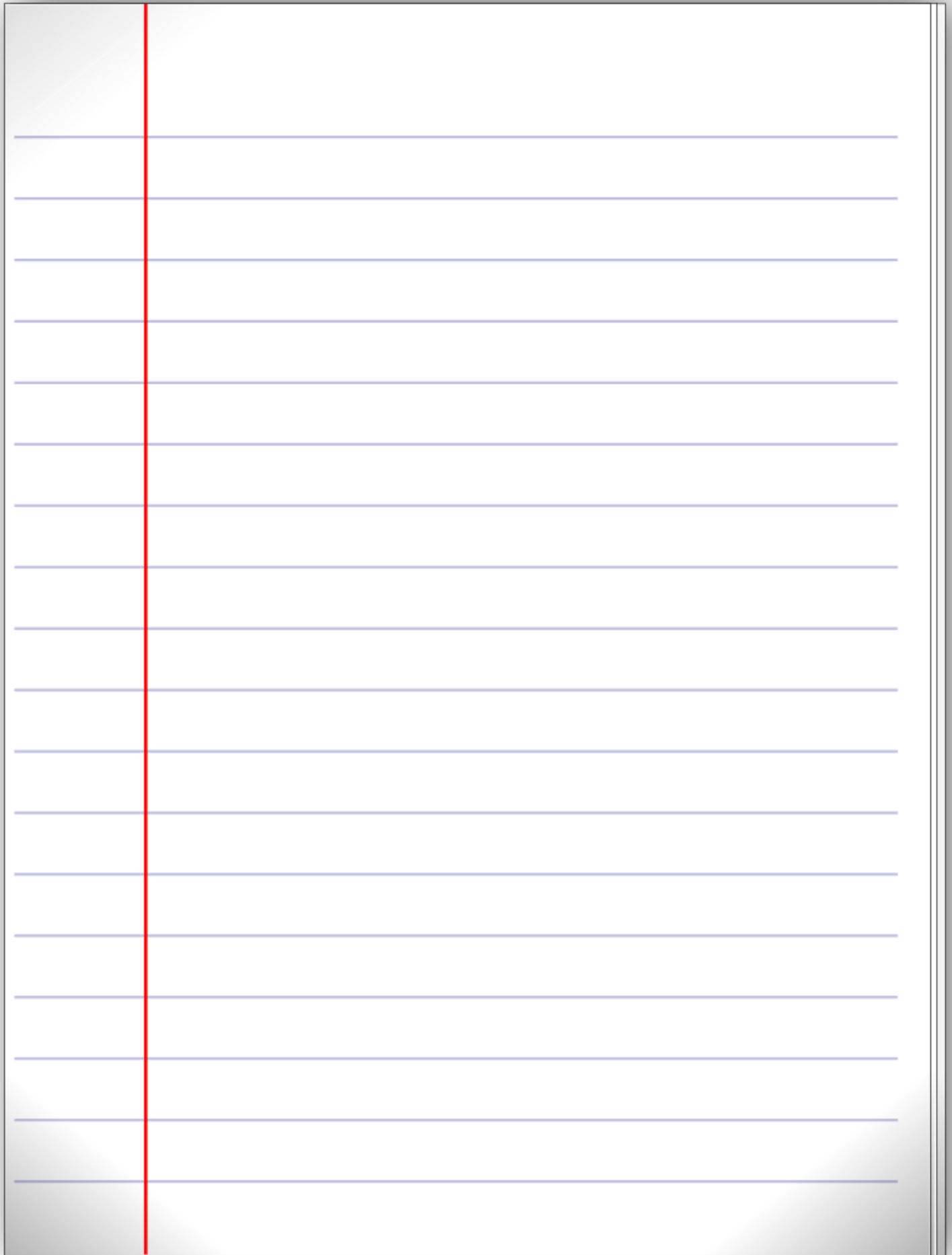


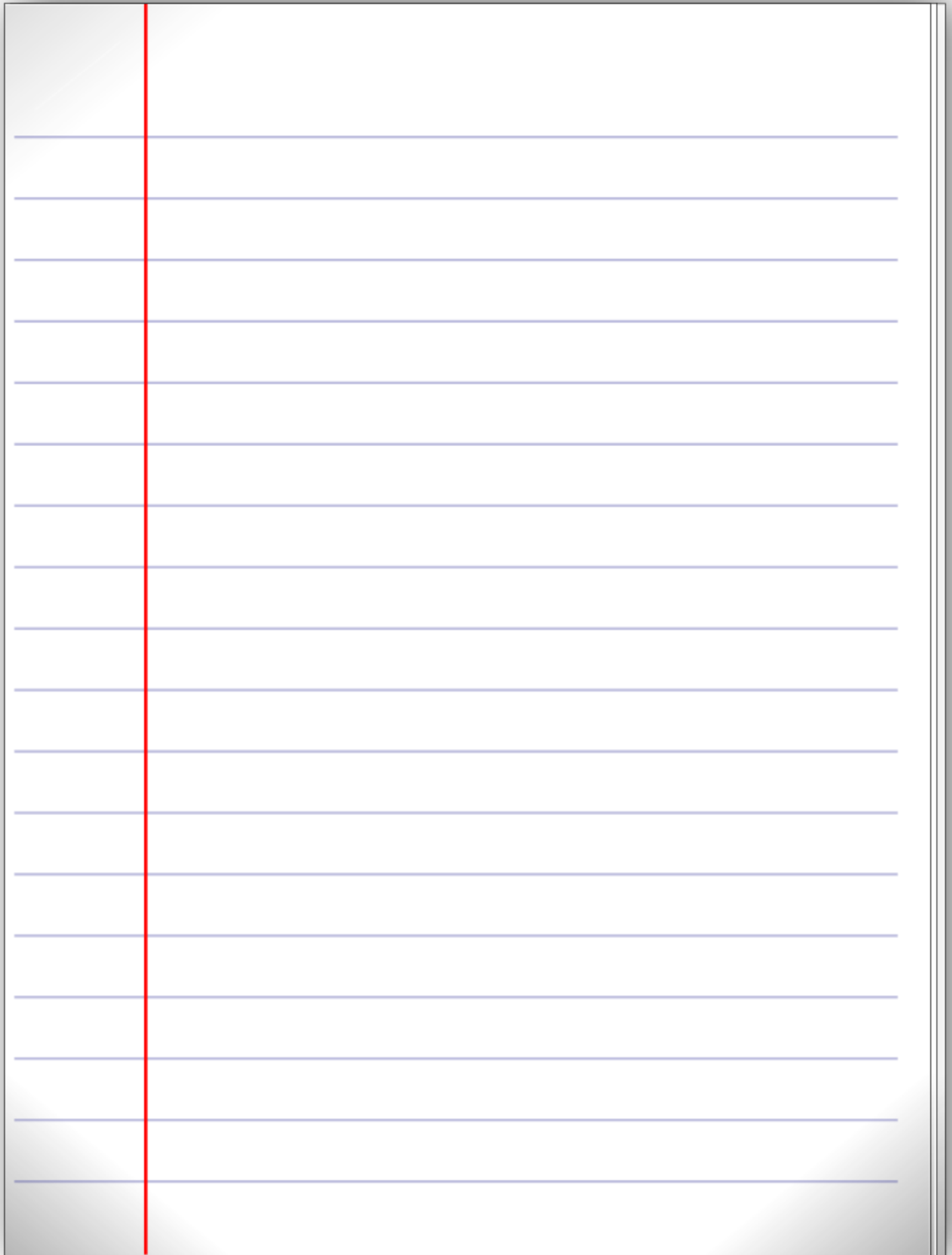


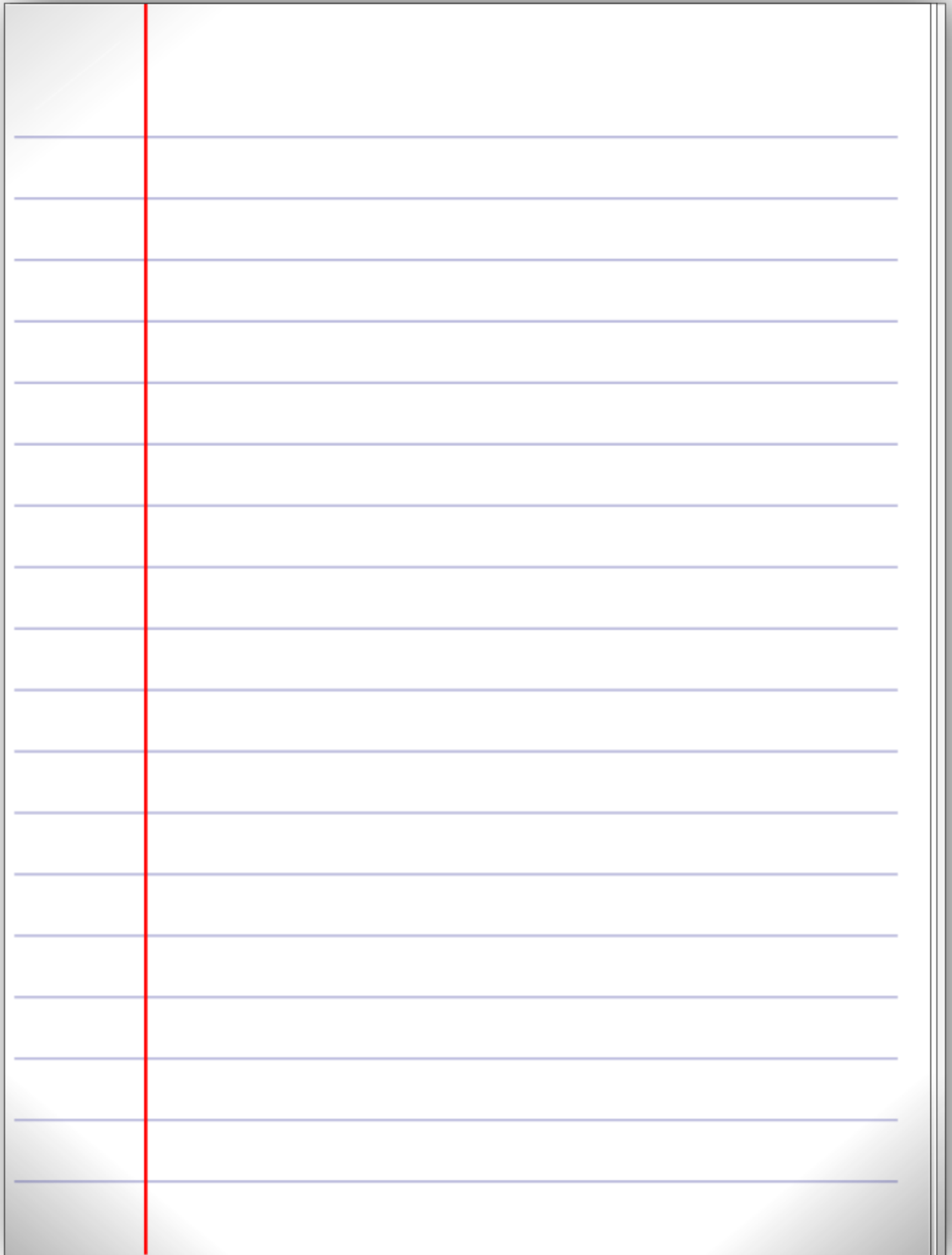


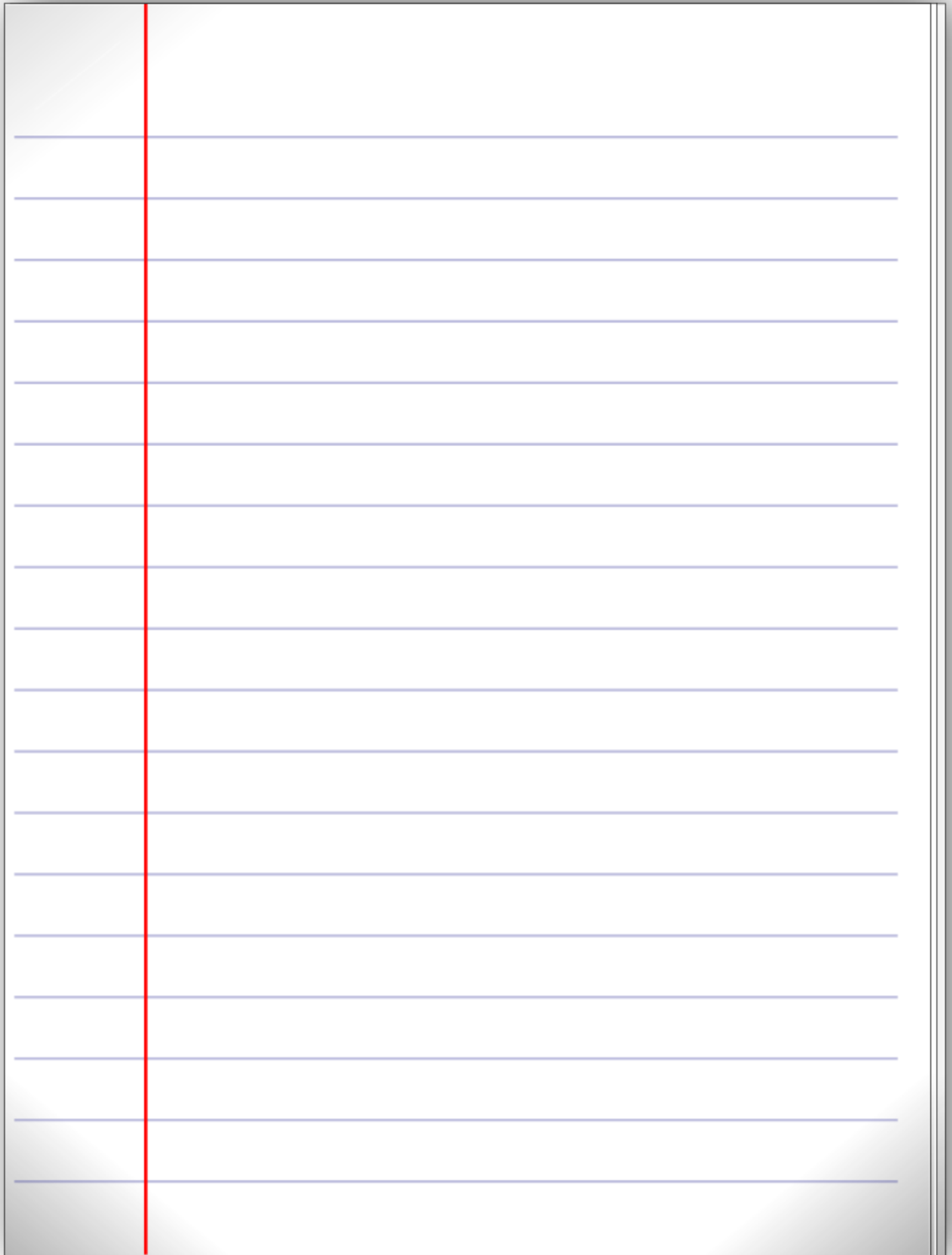


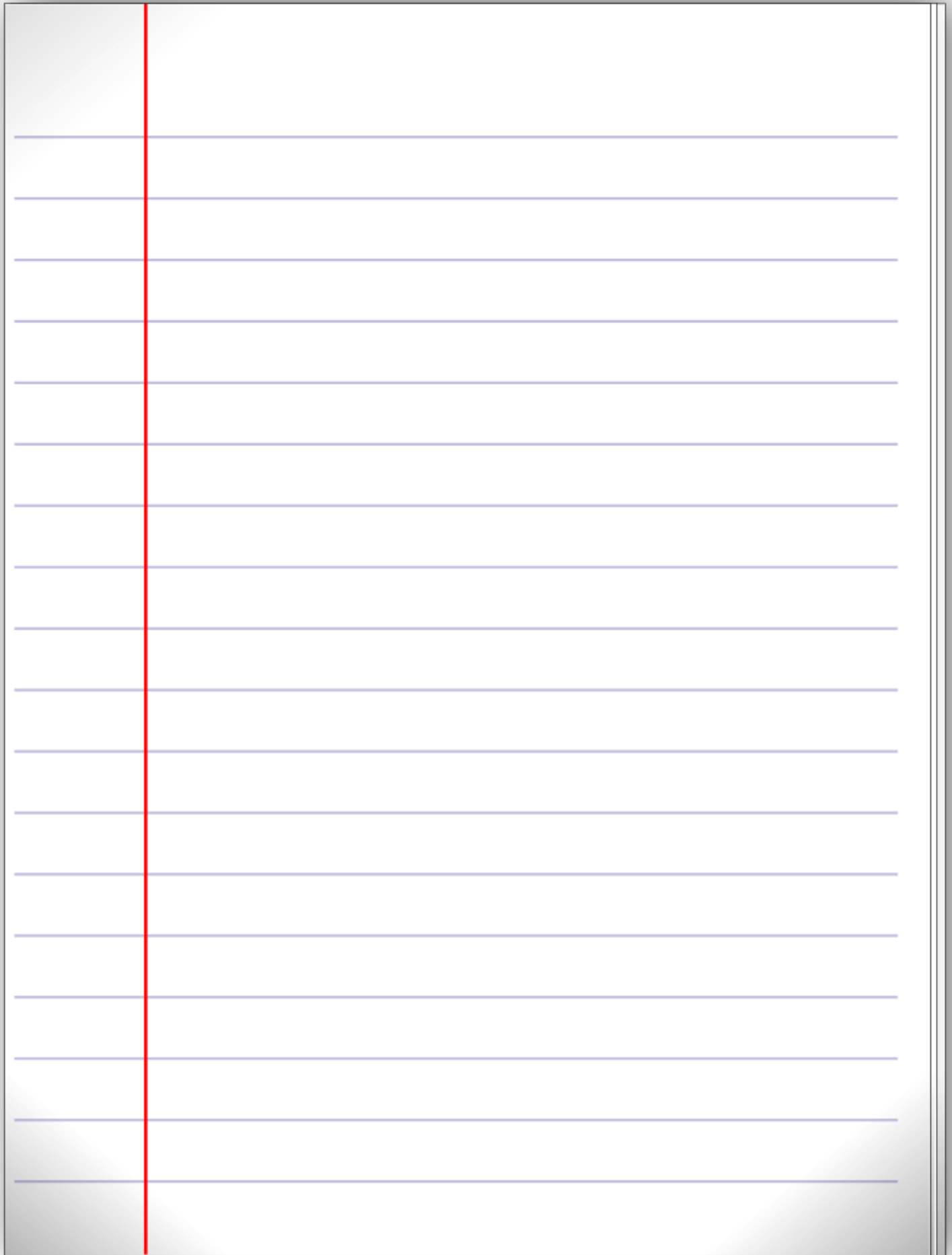


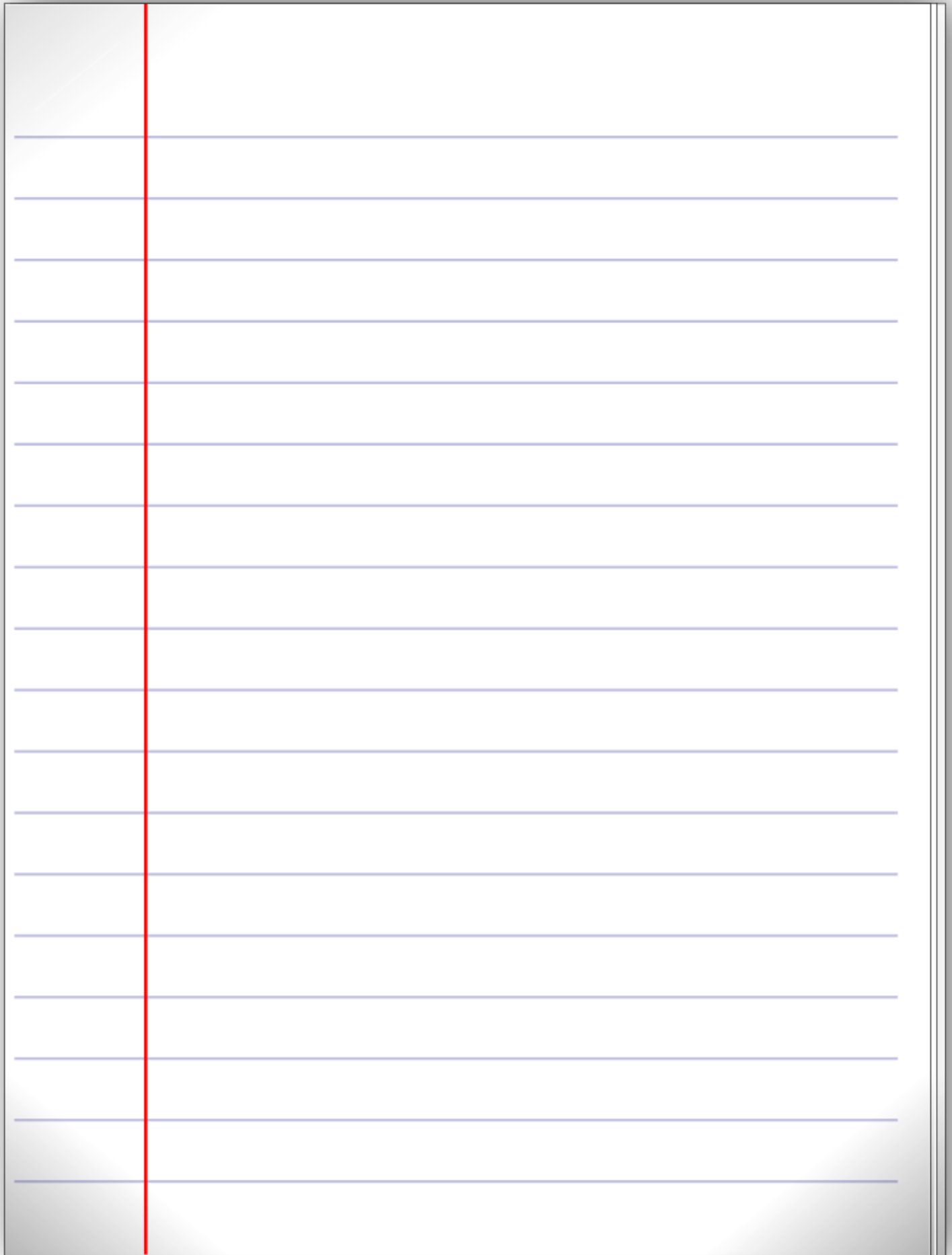














Well done... you have completed  
your English section. Now, let's  
move on to Maths...



# Numbers

Let's count to 100...

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

How did you do? Did you get to 100?

YES

NO

# Numbers

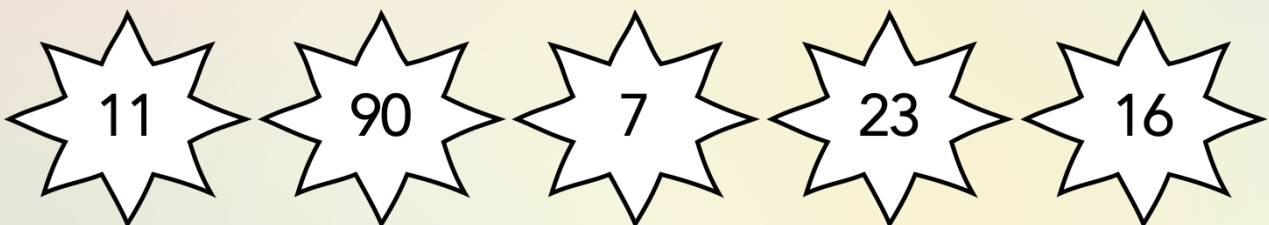
Order the following numbers from smallest to largest...



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

# Numbers

Explore many types of numbers...

## ODD NUMBERS

- Numbers that end in 1,3,5,7 or 9

## EVEN NUMBERS

- Numbers that end in 2,4,6,8 or 0

## PRIME NUMBERS

- Numbers that are divisible by itself and 1

## SQUARE NUMBERS

- Numbers that are multiplied by itself.

# Sequences

Complete the following sequences...

Add 3:

2, 5, 8, 11, 14, 17, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

Minus 5:

42, 37, 32, 27, 22, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

Add 7:

5, 12, 19, 26, 33, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

Minus 2:

100, 98, 96, 94, 92, 90, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

Multiply by 3:

3, 6, 9, 12, 15, 18, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_



# Times Tables

Let's learn all the times tables together!

## ONE TIMES TABLES

$1 \times 1 = 1$   
 $2 \times 1 = 2$   
 $3 \times 1 = 3$   
 $4 \times 1 = 4$   
 $5 \times 1 = 5$   
 $6 \times 1 = 6$   
 $7 \times 1 = 7$   
 $8 \times 1 = 8$   
 $9 \times 1 = 9$   
 $10 \times 1 = 10$   
 $11 \times 1 = 11$   
 $12 \times 1 = 12$

## TWO TIMES TABLES

$1 \times 2 = 2$   
 $2 \times 2 = 4$   
 $3 \times 2 = 6$   
 $4 \times 2 = 8$   
 $5 \times 2 = 10$   
 $6 \times 2 = 12$   
 $7 \times 2 = 14$   
 $8 \times 2 = 16$   
 $9 \times 2 = 18$   
 $10 \times 2 = 20$   
 $11 \times 2 = 22$   
 $12 \times 2 = 24$

## THREE TIMES TABLES

$1 \times 3 = 3$   
 $2 \times 3 = 6$   
 $3 \times 3 = 9$   
 $4 \times 3 = 12$   
 $5 \times 3 = 15$   
 $6 \times 3 = 18$   
 $7 \times 3 = 21$   
 $8 \times 3 = 24$   
 $9 \times 3 = 27$   
 $10 \times 3 = 30$   
 $11 \times 3 = 33$   
 $12 \times 3 = 36$

## FOUR TIMES TABLES

$1 \times 4 = 4$   
 $2 \times 4 = 8$   
 $3 \times 4 = 12$   
 $4 \times 4 = 16$   
 $5 \times 4 = 20$   
 $6 \times 4 = 24$   
 $7 \times 4 = 28$   
 $8 \times 4 = 32$   
 $9 \times 4 = 36$   
 $10 \times 4 = 40$   
 $11 \times 4 = 44$   
 $12 \times 4 = 48$

## FIVE TIMES TABLES

$1 \times 5 = 5$   
 $2 \times 5 = 10$   
 $3 \times 5 = 15$   
 $4 \times 5 = 20$   
 $5 \times 5 = 25$   
 $6 \times 5 = 30$   
 $7 \times 5 = 35$   
 $8 \times 5 = 40$   
 $9 \times 5 = 45$   
 $10 \times 5 = 50$   
 $11 \times 5 = 55$   
 $12 \times 5 = 60$

## SIX TIMES TABLES

$1 \times 6 = 6$   
 $2 \times 6 = 12$   
 $3 \times 6 = 18$   
 $4 \times 6 = 24$   
 $5 \times 6 = 30$   
 $6 \times 6 = 36$   
 $7 \times 6 = 42$   
 $8 \times 6 = 48$   
 $9 \times 6 = 54$   
 $10 \times 6 = 60$   
 $11 \times 6 = 66$   
 $12 \times 6 = 72$

## SEVEN TIMES TABLES

$1 \times 7 = 7$   
 $2 \times 7 = 14$   
 $3 \times 7 = 21$   
 $4 \times 7 = 28$   
 $5 \times 7 = 35$   
 $6 \times 7 = 42$   
 $7 \times 7 = 49$   
 $8 \times 7 = 56$   
 $9 \times 7 = 63$   
 $10 \times 7 = 70$   
 $11 \times 7 = 77$   
 $12 \times 7 = 84$

## EIGHT TIMES TABLES

$1 \times 8 = 8$   
 $2 \times 8 = 16$   
 $3 \times 8 = 24$   
 $4 \times 8 = 32$   
 $5 \times 8 = 40$   
 $6 \times 8 = 48$   
 $7 \times 8 = 56$   
 $8 \times 8 = 64$   
 $9 \times 8 = 72$   
 $10 \times 8 = 80$   
 $11 \times 8 = 88$   
 $12 \times 8 = 96$

# Times Tables

Let's learn all the times tables together!

## NINE TIMES TABLES

$1 \times 9 = 9$   
 $2 \times 9 = 18$   
 $3 \times 9 = 27$   
 $4 \times 9 = 36$   
 $5 \times 9 = 45$   
 $6 \times 9 = 54$   
 $7 \times 9 = 63$   
 $8 \times 9 = 72$   
 $9 \times 9 = 81$   
 $10 \times 9 = 90$   
 $11 \times 9 = 99$   
 $12 \times 9 = 108$

## TEN TIMES TABLES

$1 \times 10 = 10$   
 $2 \times 10 = 20$   
 $3 \times 10 = 30$   
 $4 \times 10 = 40$   
 $5 \times 10 = 50$   
 $6 \times 10 = 60$   
 $7 \times 10 = 70$   
 $8 \times 10 = 80$   
 $9 \times 10 = 90$   
 $10 \times 10 = 100$   
 $11 \times 10 = 110$   
 $12 \times 10 = 120$

## ELEVEN TIMES TABLES

$1 \times 11 = 11$   
 $2 \times 11 = 22$   
 $3 \times 11 = 33$   
 $4 \times 11 = 44$   
 $5 \times 11 = 55$   
 $6 \times 11 = 66$   
 $7 \times 11 = 77$   
 $8 \times 11 = 88$   
 $9 \times 11 = 99$   
 $10 \times 11 = 110$   
 $11 \times 11 = 121$   
 $12 \times 11 = 132$

## TWELVE TIMES TABLES

$1 \times 12 = 12$   
 $2 \times 12 = 24$   
 $3 \times 12 = 36$   
 $4 \times 12 = 48$   
 $5 \times 12 = 60$   
 $6 \times 12 = 72$   
 $7 \times 12 = 84$   
 $8 \times 12 = 96$   
 $9 \times 12 = 108$   
 $10 \times 12 = 120$   
 $11 \times 12 = 132$   
 $12 \times 12 = 144$

How did you do? Tick the ones you have learnt off by heart.

ONE TIMES TABLES		SEVEN TIMES TABLES	
TWO TIMES TABLES		EIGHT TIMES TABLES	
THREE TIMES TABLES		NINE TIMES TABLES	
FOUR TIMES TABLES		TEN TIMES TABLES	
FIVE TIMES TABLES		ELEVEN TIMES TABLES	
SIX TIMES TABLES		TWELVE TIMES TABLES	

# Addition

Complete the sums below.

1.  $6+2=$  \_\_\_\_\_

7.  $13+8=$  \_\_\_\_\_

2.  $19+3=$  \_\_\_\_\_

8.  $10+6=$  \_\_\_\_\_

3.  $14+5=$  \_\_\_\_\_

9.  $12+5=$  \_\_\_\_\_

4.  $20+10=$  \_\_\_\_\_

10.  $5+8=$  \_\_\_\_\_

5.  $7+4=$  \_\_\_\_\_

11.  $11+9=$  \_\_\_\_\_

6.  $10+13=$  \_\_\_\_\_

12.  $8+8=$  \_\_\_\_\_

Use the number line below if you need help.





# Subtraction

Complete the sums below.

1.  $17-5=$  \_\_\_\_\_

7.  $18-3=$  \_\_\_\_\_

2.  $20-10=$  \_\_\_\_\_

8.  $25-11=$  \_\_\_\_\_

3.  $11-4=$  \_\_\_\_\_

9.  $9-8=$  \_\_\_\_\_

4.  $5-3=$  \_\_\_\_\_

10.  $10-7=$  \_\_\_\_\_

5.  $27-12=$  \_\_\_\_\_

11.  $22-8=$  \_\_\_\_\_

6.  $30-25=$  \_\_\_\_\_

12.  $11-11=$  \_\_\_\_\_

Use the number line below if you need help.



# Multiplication

Fill in the blanks to make the sums correct.

1.  x  = 25

2.  x  = 8

3.  x  = 56

4.  x  = 144

5.  x  = 60

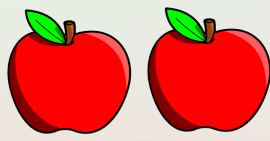
6.  x  = 32

*If you're not sure of any answers, don't forget you can look back on your times tables...*

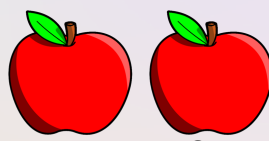
# Division

Complete the sums by sharing...

Example:  $4 \div 2 = ?$  Simply share the 4 apples between 2 people. Divide means share!



Person 1



Person 2

It's your turn...

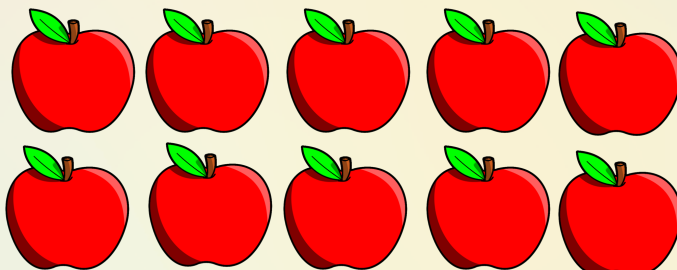
1.  $6 \div 3 = \underline{\quad}$



2.  $3 \div 3 = \underline{\quad}$



3.  $10 \div 2 = \underline{\quad}$



See the next page to try doing some without apples...

# Division

Complete the sums...

1.  $12 \div 4 = \underline{\quad}$

2.  $22 \div 2 = \underline{\quad}$

3.  $9 \div 3 = \underline{\quad}$

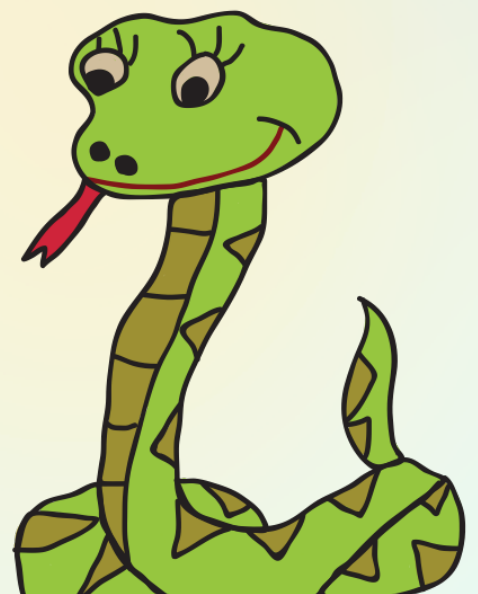
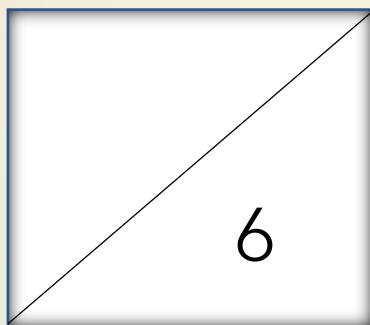
4.  $54 \div 6 = \underline{\quad}$

5.  $56 \div 7 = \underline{\quad}$

6.  $81 \div 9 = \underline{\quad}$

Let Sally know how well you did...

I got...



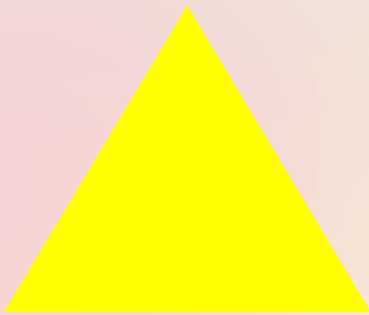
## Shapes (20)

Name the following shapes and count how many sides they have.



Name \_\_\_\_\_

Number of sides \_\_\_\_\_



Name \_\_\_\_\_

Number of sides \_\_\_\_\_



Name \_\_\_\_\_

Number of sides \_\_\_\_\_

## Shapes (20)

Name the following shapes and count how many sides they have.



Name \_\_\_\_\_

Number of sides \_\_\_\_\_



Name \_\_\_\_\_

Number of sides \_\_\_\_\_

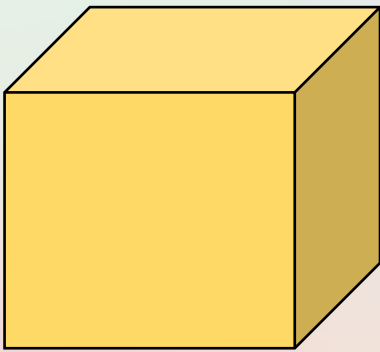


Name \_\_\_\_\_

Number of sides \_\_\_\_\_

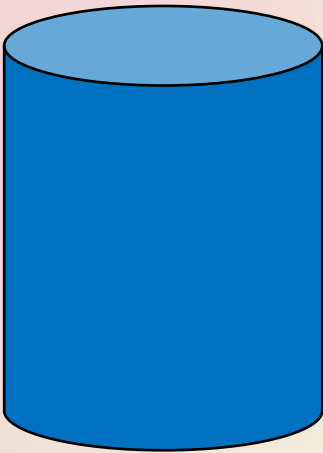
## Shapes (3D)

Name the following shapes and list one of their properties



Name \_\_\_\_\_

Property \_\_\_\_\_



Name \_\_\_\_\_

Property \_\_\_\_\_



Name \_\_\_\_\_

Property \_\_\_\_\_

## Shapes (3D)

Name the following shapes and list one of their properties



Name\_\_\_\_\_

Property\_\_\_\_\_



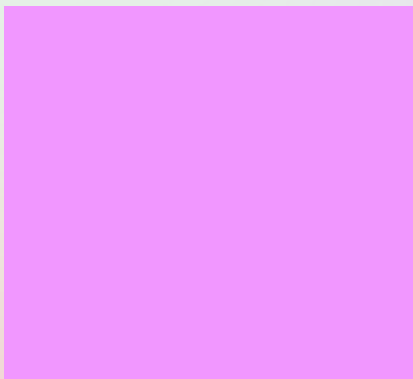
Name\_\_\_\_\_

Property\_\_\_\_\_

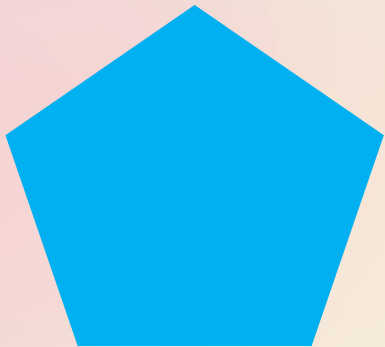


# Symmetry

Find out how many lines of symmetry each of the follow shapes have.



I have \_\_\_\_\_ lines of symmetry.



I have \_\_\_\_\_ lines of symmetry.



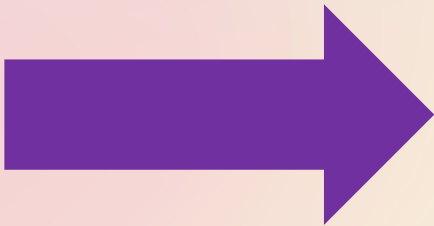
I have \_\_\_\_\_ lines of symmetry.

# Symmetry

Find out how many lines of symmetry each of the follow shapes have.



I have \_\_\_\_\_ lines of symmetry.



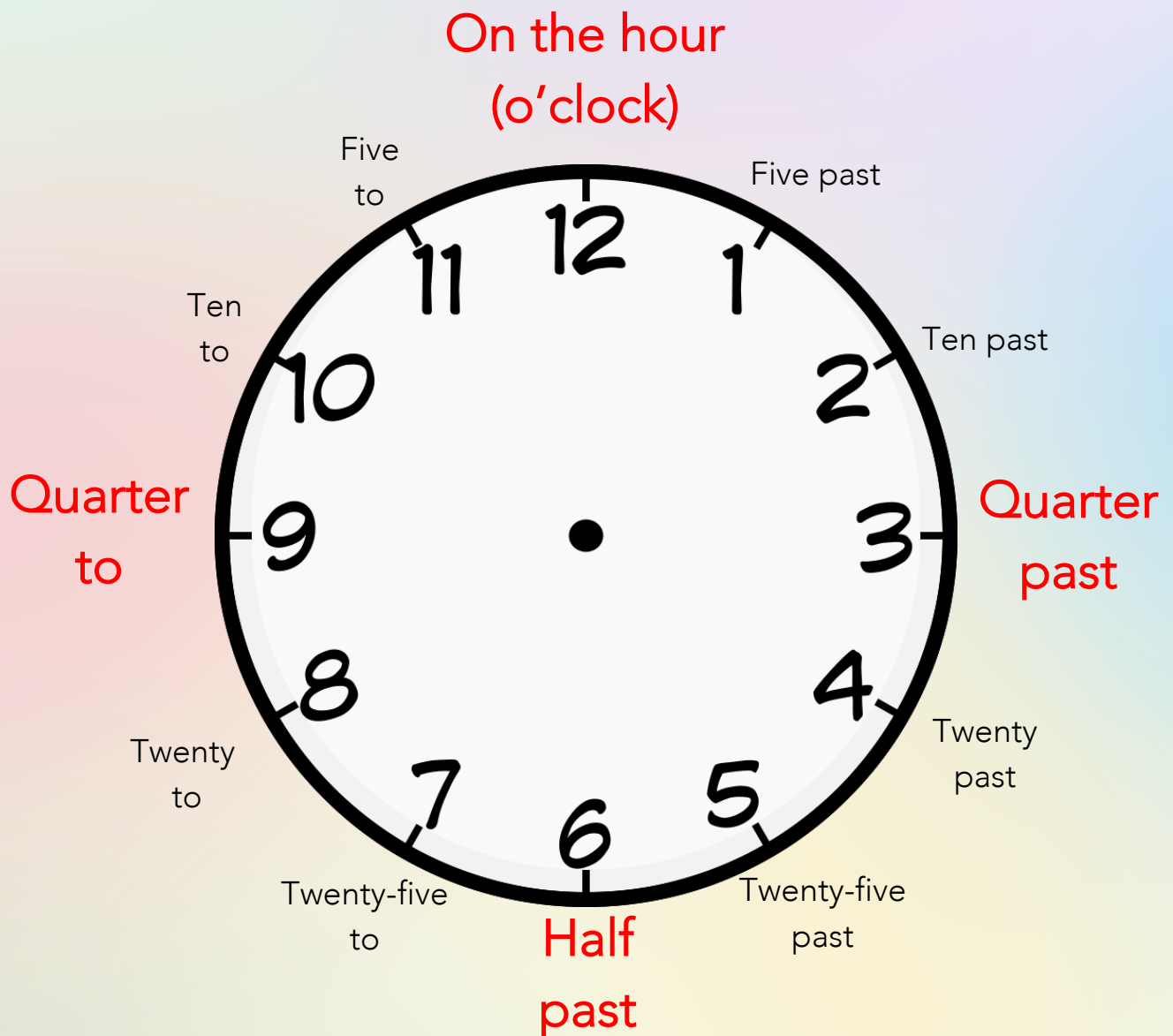
I have \_\_\_\_\_ lines of symmetry.



I have \_\_\_\_\_ lines of symmetry.

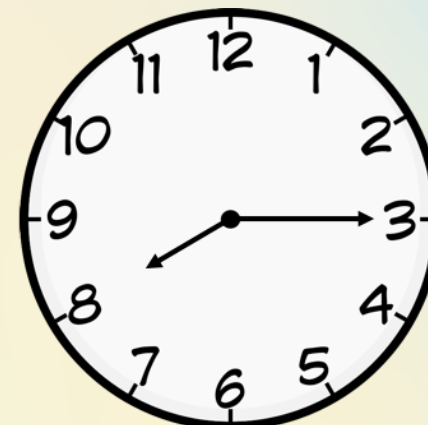
# Tell the time

The time explained...



## Tell the time

Look at the clocks and write down the time.



# Money

Label the correct pieces of money.

1p Coin	5p Coin	£1 Coin	2p Coin
£5 Note	10p Coin	50p Coin	£10 Note
£50 Note	£20 Note	20p Coin	£2 Coin



















# Money

Label the correct pieces of money.



# Money

How much have we got? Work out the sums below...



How much does Hammy have in his bag?



How much does Frank have in his bag?



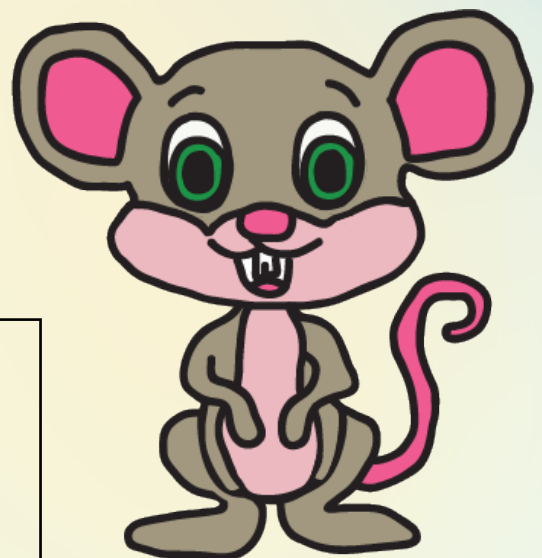
# Money

What's the change? Work out how much change we will get... *here's a tip... use subtraction.*



Sally went to the shops and spent £2.35. She gave the shopkeeper a £5 note, how much change will she get?

Mollie went to the shops and spent £1.35. She gave the shopkeeper a £2 coin, how much change will she get?





# Test Time

1. Write down the first ten **ODD** numbers.

\_\_\_\_\_

\_\_\_\_\_

(2 marks)

2.

a)  $12 \times 3 =$  \_\_\_\_\_

b)  $4 \times 2 =$  \_\_\_\_\_

c)  $9 + 13 =$  \_\_\_\_\_

d)  $25 + 4 =$  \_\_\_\_\_

e)  $40 - 21 =$  \_\_\_\_\_

f)  $48 \div 4 =$  \_\_\_\_\_

(6 marks)

3. If the time is 12:00am, what time will it be in 30 minutes?

\_\_\_\_\_

(1 mark)

4. How many faces does a cube have?

\_\_\_\_\_

(1 mark)

5. Barry had £1, he wanted to spend it all on sweets. Each sweet costs 25p. How many sweets can Barry buy?

(2 marks)

---

Well done, you have finished the test, get your parents to mark it to see how well you have done.

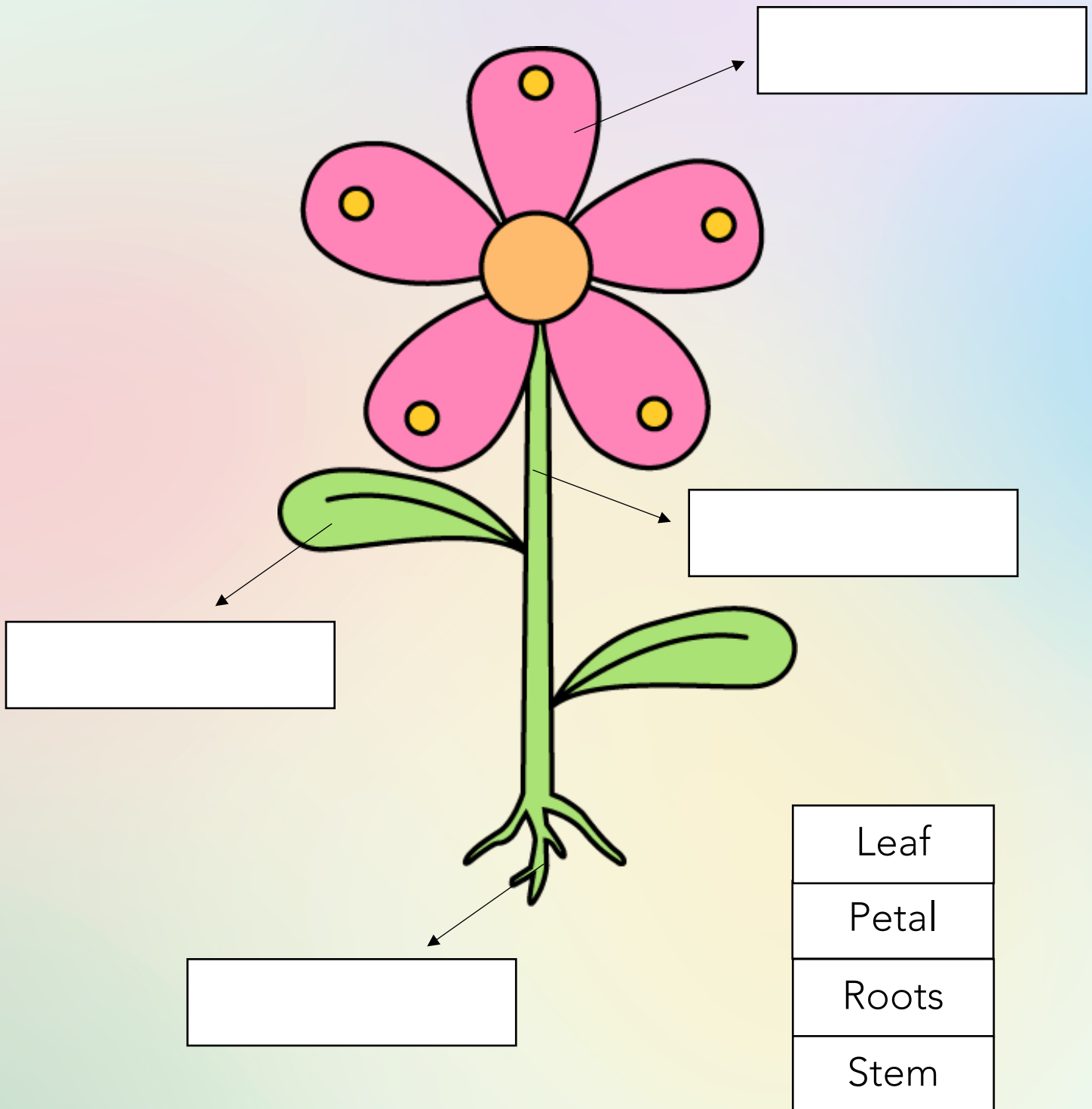
(out of 12 marks)

Well done... you have completed  
your Maths section. Now, let's move  
on to Science...



# Plants and Animals

Label the correct parts of a plant.



# Plants and Animals

What do plants need? Fill in the blanks.

LIGHT	WATER	AIR	SOIL
-------	-------	-----	------

Many plants need \_\_\_\_\_ from the sun.

Many plants need \_\_\_\_\_ or they will dry out.

Many plants need \_\_\_\_\_ to grow their roots in.

They get the nutrients they need from the \_\_\_\_\_.

Plants need \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ which they use to make food.

# Plants and Animals

Read the different types of animal groups below.

## Mammals

- Warm blooded animals such as; elephants.

## Reptiles

- Cold blooded animals such as; lizards.

## Amphibians

- The majority of these are small animals that need water.

## Fish

- These animals live underwater.

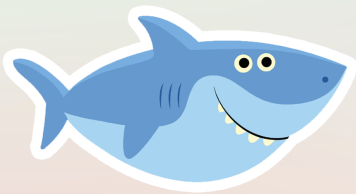
## Birds

- These animals fly and live where there's lots of trees or bushes.

# Plants and Animals

Sort these animals into their classification groups.

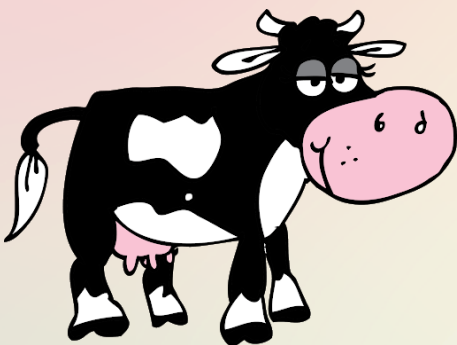
Mammal	Reptile	Amphibian	Fish	Bird
--------	---------	-----------	------	------



A shark is a \_\_\_\_\_.



A frog is a \_\_\_\_\_.



A cow is a \_\_\_\_\_.



A snake is a \_\_\_\_\_.



# Plants and Animals

Sort these animals into their classification groups.

Mammal	Reptile	Amphibian	Fish	Bird
--------	---------	-----------	------	------



A lizard is a \_\_\_\_\_.



A parrot is a \_\_\_\_\_.



A human is a \_\_\_\_\_.

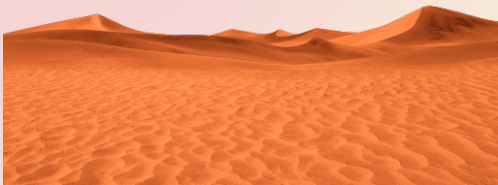


# Habitats

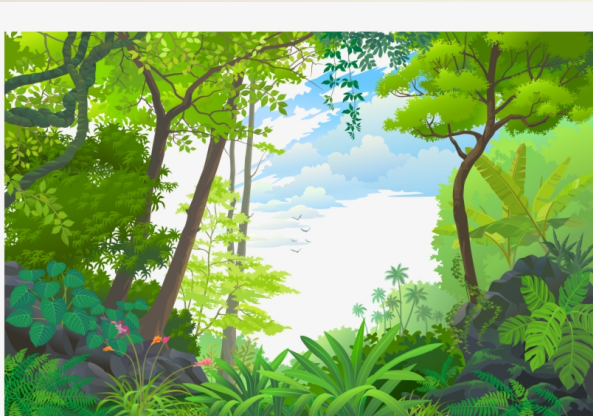
All animals have a home. Can you write as many animals in a various of habitats?



Antarctic – What animals live here?



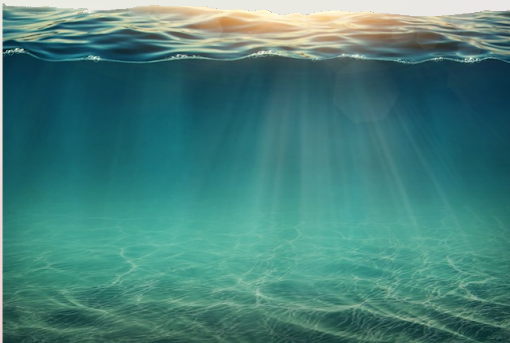
Desert – What animals live here?



Rainforest – What animals live here?



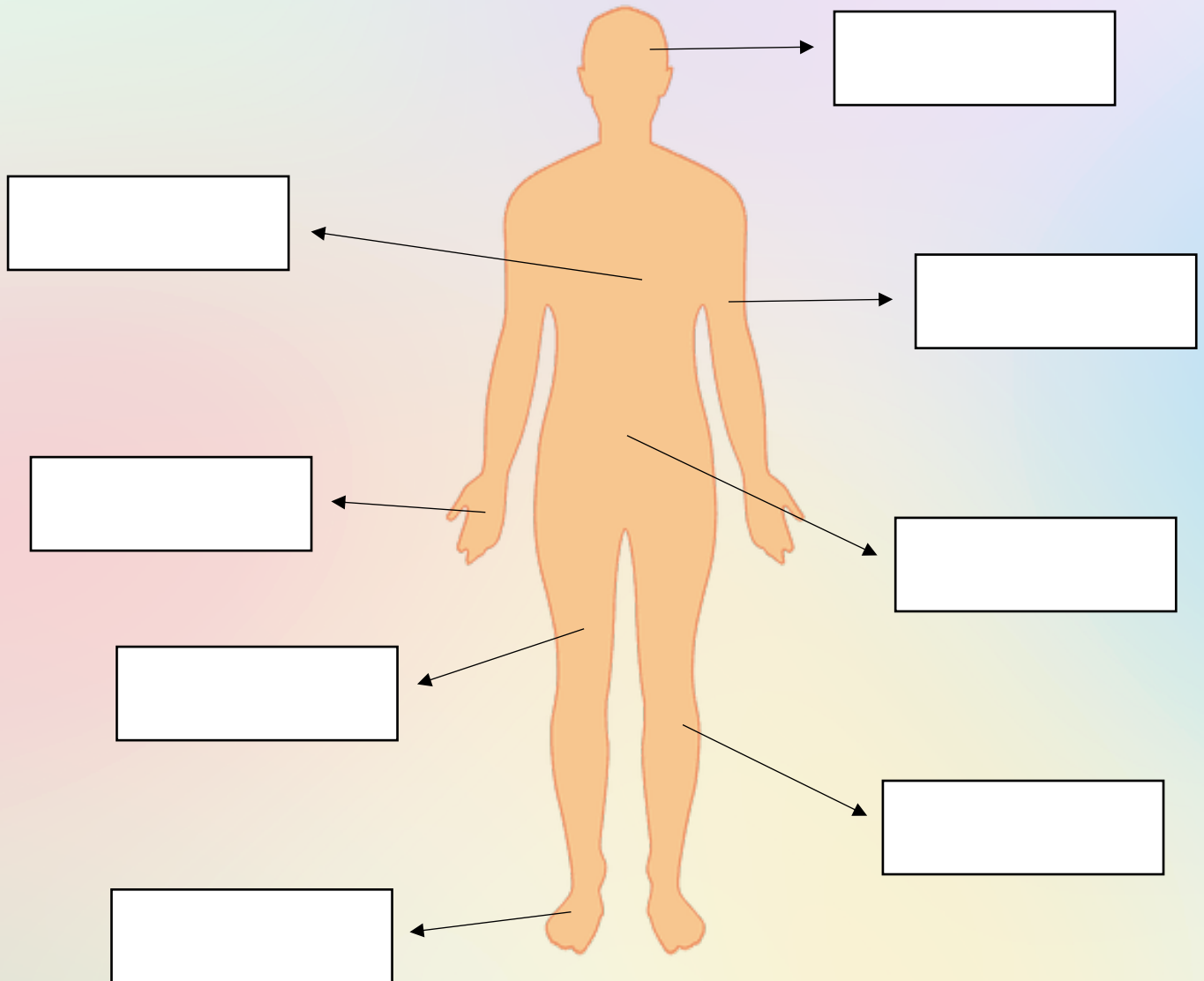
Woodlands – What animals live here?



Ocean – What animals live here?

# Human Body

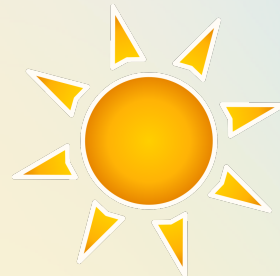
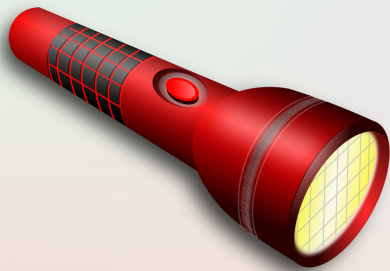
Can you label these parts of the body?



Head	Heart
Foot	Stomach
Hand	Leg
Neck	Knee

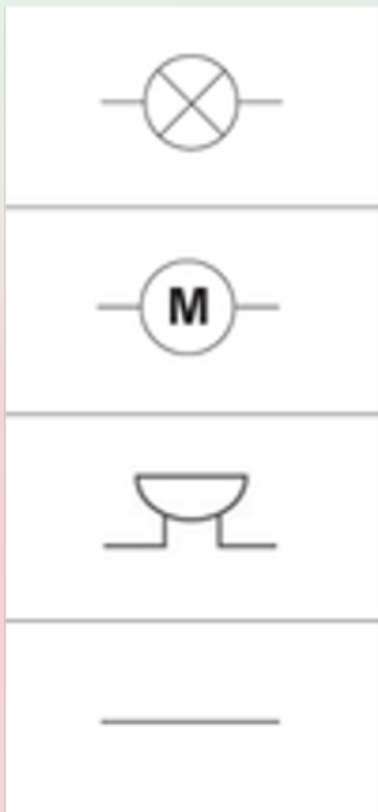
# Light and Sound

What gives out light? What plays sound? Label the items correctly.



# Electricity

Learn the electrical symbols that form a circuit below...



Bulb

Motor

Buzzer

Wire



Switch

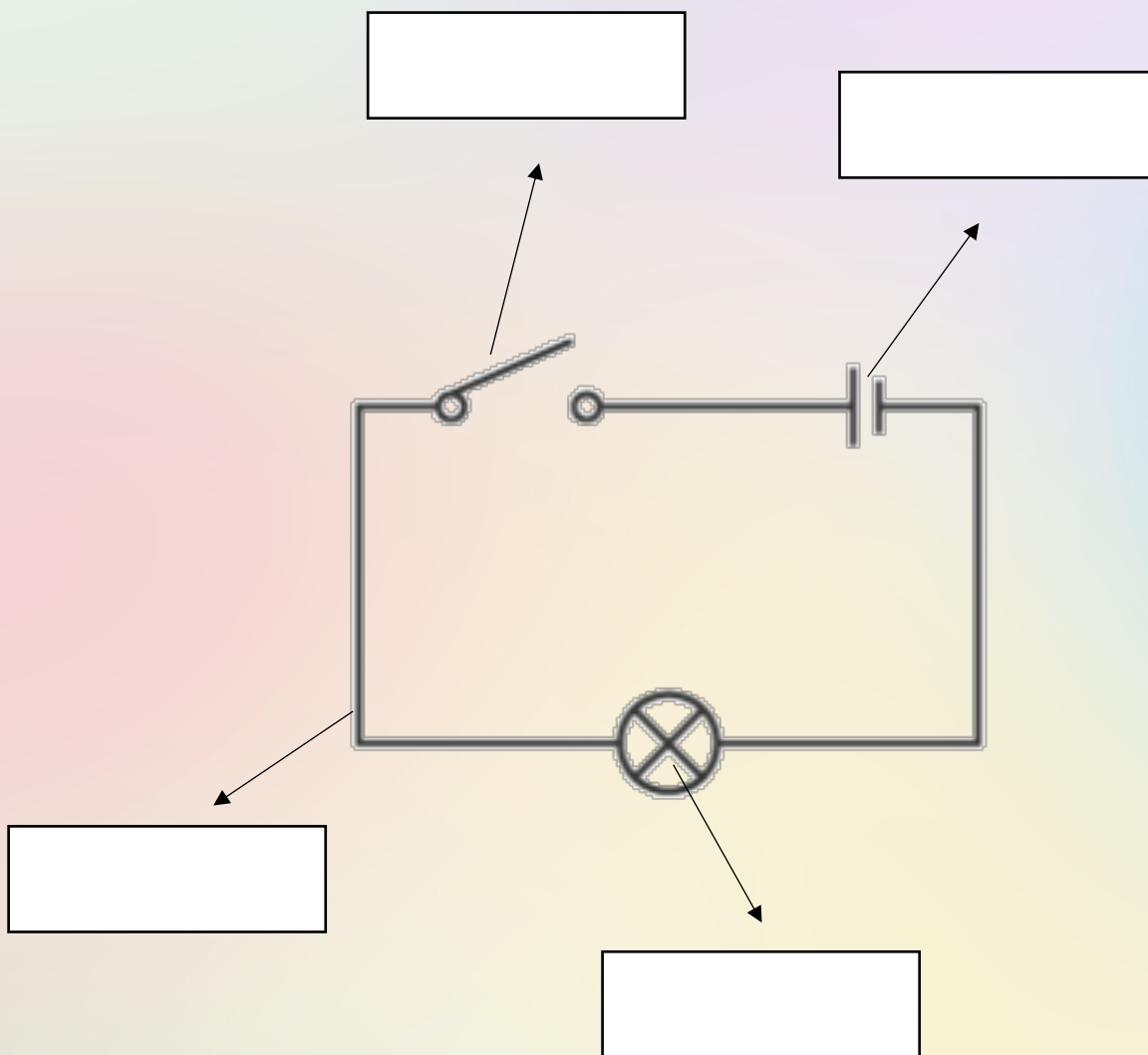
1 Battery

2 Batteries

Turn over to label a circuit... you can always check back if you're unsure.

# Electricity

Label the circuit correctly.





# Electricity

Not all things are powered by mains electricity. Some are powered by batteries. Label each picture below whether it's powered by *batteries* or *mains*.



# Forces and Movement

Some keywords and descriptions you will need to know...

**FORCE** – A push, pull, twist or turn.

**DIRECTION** – The way something is moving.

**DISTANCE** – A measure of how far something moves.

**PREDICT** – To make a good guess what will happen.

There are many types of forces, such as;

**GRAVITY** – is the force by which a planet or other body draws objects towards its centre. Gravity is all around us.

**YOUR TURN** – *Get a ball and drop it. That's a perfect way to see the gravitational force.*



**FRICTION** – is a force that holds back the movement of a sliding object.

*YOUR TURN – rub both of your hands together, that is creating friction and will make your hands warm.*

*Try another – get a toy car and move it across the floor, again that's causing friction.*

**MAGNETIC** – is a force that pulls material together.

*YOUR TURN – get a magnet and place it on something metal, this then will pull the metal and stick to it.*

Did you try the experiments? YES / NO

Did they work? YES / NO

# Space

There are 8 planets in our solar system... can you name them?



M\_\_\_\_\_



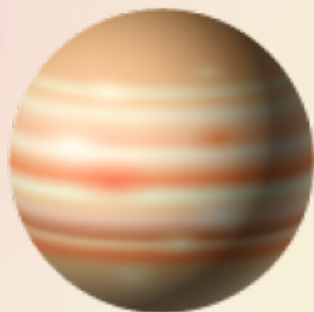
V\_\_\_\_\_



E\_\_\_\_\_



M\_\_\_\_\_



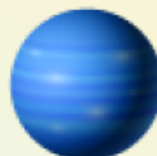
J\_\_\_\_\_



S\_\_\_\_\_



U\_\_\_\_\_

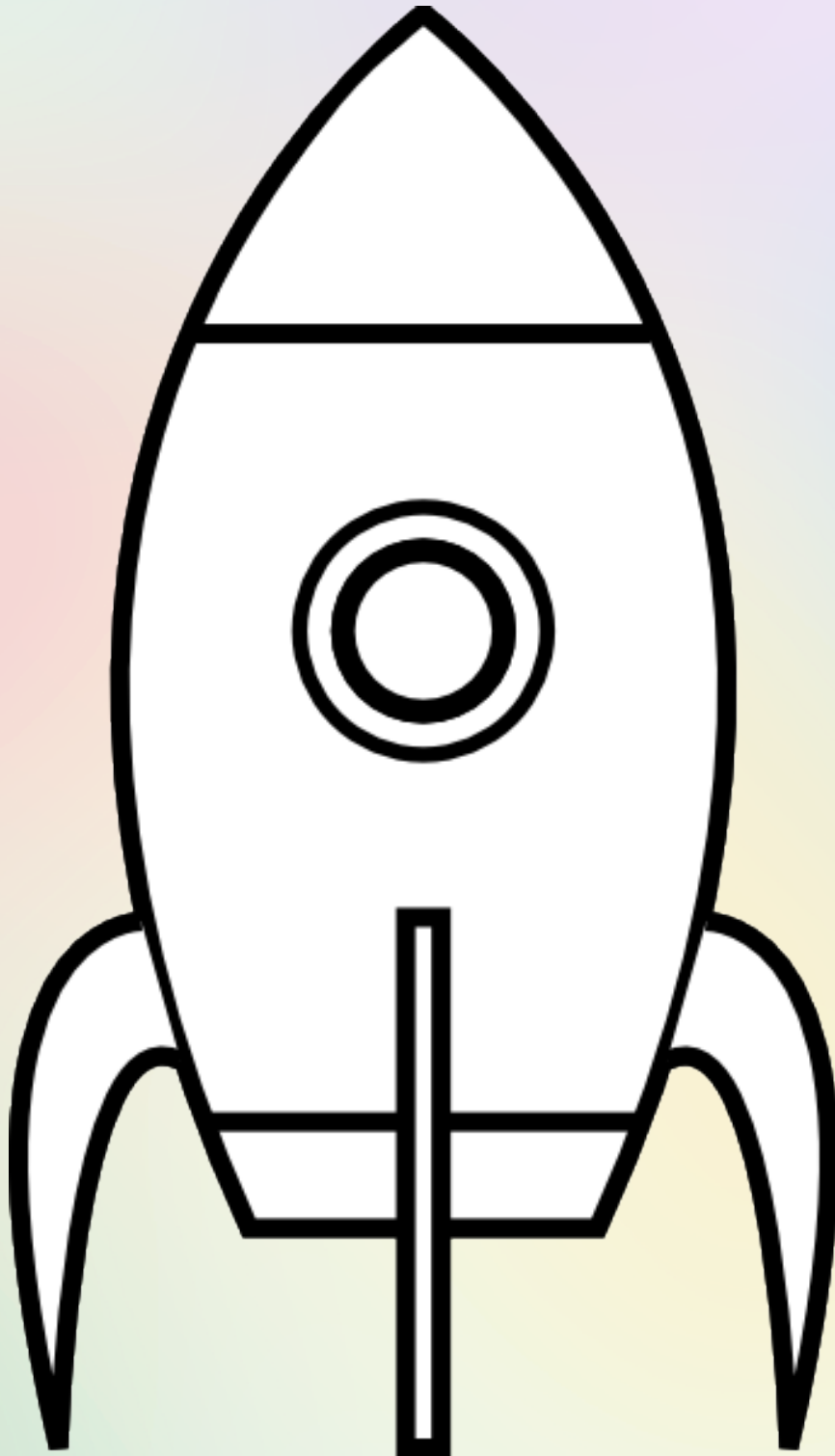


N\_\_\_\_\_

VENUS  
MERCURY  
MARS  
JUPITER  
NEPTUNE  
URANUS  
EARTH  
SATURN

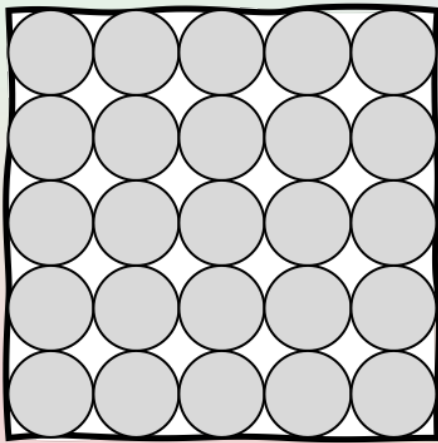
# Space

Did you know? To get into space you would need to travel in a rocket. Create your very own rocket right now...

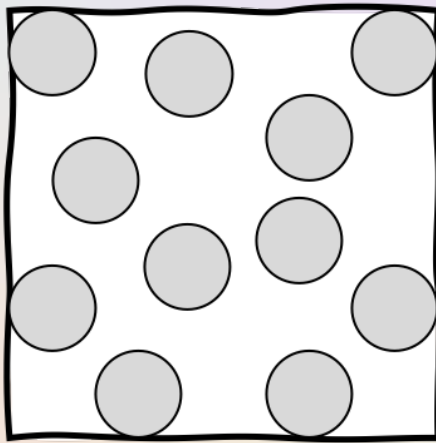


# States of Matter: Solids, Liquids and Gases

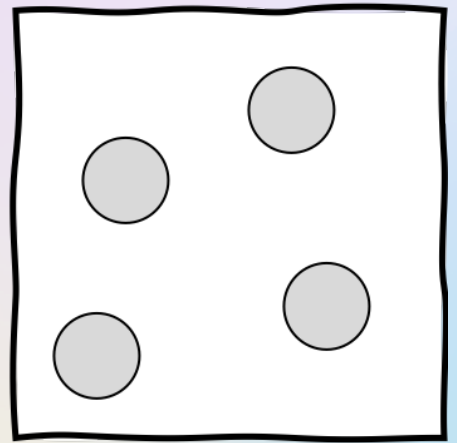
States of matter comes in three forms... a solid, liquid or gas.



SOLID



LIQUID

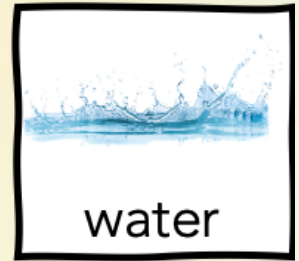
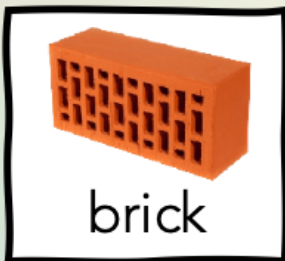
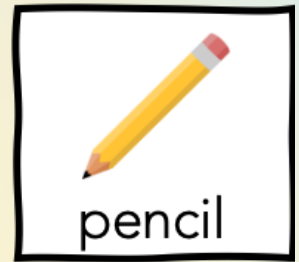


GAS

Turn over to sort out the items in the correct column...

# States of Matter: Solids, Liquids and Gases

SOLID	LIQUID	GAS



## Experiments

You have worked really hard through this booklet, so it's time for some educational experiments – WHICH ARE LOTS OF FUN!

### LAVA LAMPS

#### YOU WILL NEED:

Water

Vegetable Oil

A clear plastic bottle or jar

Food colouring

Effervescent tablets

#### METHOD:

1. Fill the bottle or jar a quarter full of water.
2. Top up, almost to the top with vegetable oil.
3. They should separate into two layers, water at the bottom and oil sitting on top.
4. Add about 6-8 drops of food colouring.
5. the colour will mix with the water at the bottom (DO NOT SHAKE)
6. Pop in half an effervescent tablet and watch the bubbles form. Add more effervescent tablets bit by bit to keep bubbles rising and falling.
7. Grab a torch and put the bottle under it to see it light up.

## Experiments

### FIREWORKS IN A GLASS

#### YOU WILL NEED:

Warm water

Food colouring

Oil

A tall glass

#### METHOD:

1. Fill the tall glass with warm water.
2. Pour a small amount of oil into another container and add a few drops of food colouring.
3. Give it a good stir, if it doesn't mix, add a bit of water.
4. Pour the food colouring and oil mixture into the warm water and watch the fireworks.

**DO NOT DRINK THE WATER!**



## Experiments

### DISSOLVING

#### YOU WILL NEED:

Water (hot and cold)

Transparent containers

Substances to try and dissolve; sand, sugar, salt, coffee etc.

#### METHOD:

1. Add a teaspoon of whichever solid you are testing to a glass of cold water and a glass of hot water, stir and observe the difference.
2. Look to see if the solid dissolves in the hot water and cold water and if one is better than the other.
3. Record your observation on the next page...



# Experiments

SOLID	HOT WATER <i>DID IT DISSOLVE?</i>	COLD WATER <i>DID IT DISSOLVE?</i>

# Create your own experiment

INSERT YOUR TITLE HERE

WHAT WILL YOU NEED?

YOUR METHOD

*Once you've done, ask your grown up to send it to us on our Facebook page, so we can share it with everyone else.*

Well done... you have completed  
your Science section and completed  
the whole booklet!



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- sharing our Facebook post
- messaging your friends
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Thank you so much.