

# All Types of Weather

Printables for  
Prek-5th





# ALL ABOUT WEATHER

## KWL CHART

TODAY'S TOPIC:

What I think I know

What I want to know

What I learned

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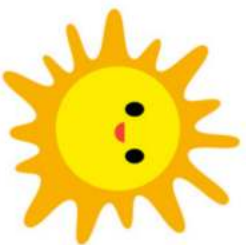
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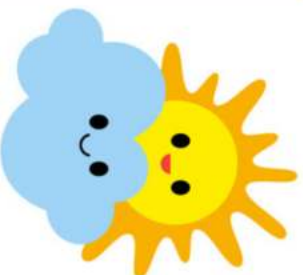
# Weather Flashcards



Cloudy



Sunny



Partly Cloudy



Stormy



Windy



Rainbow



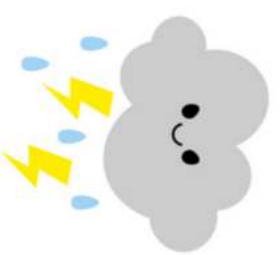
Tornado



Snowy



Rainy

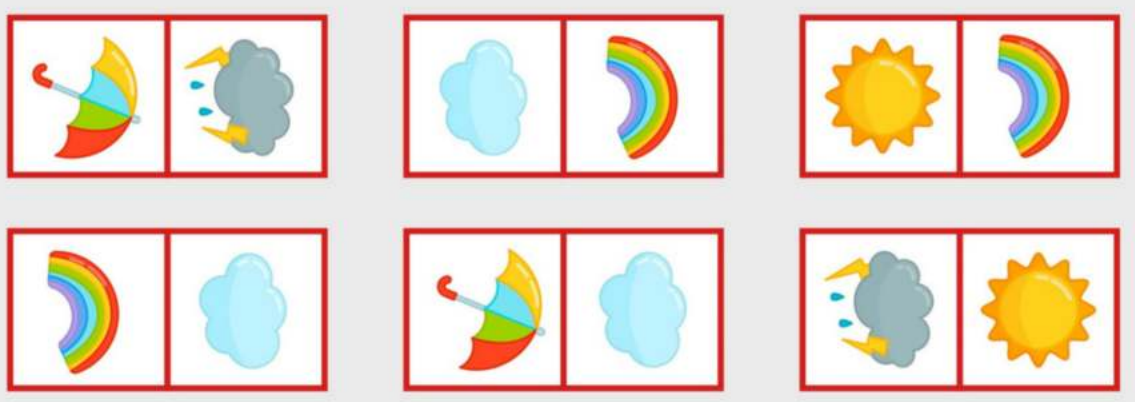
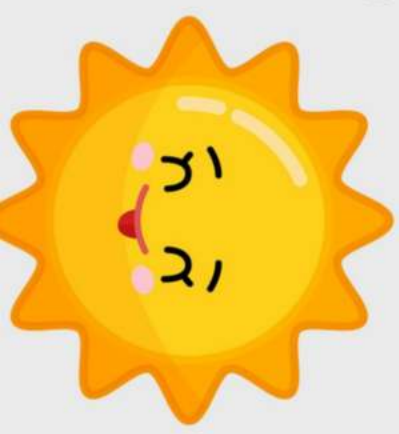
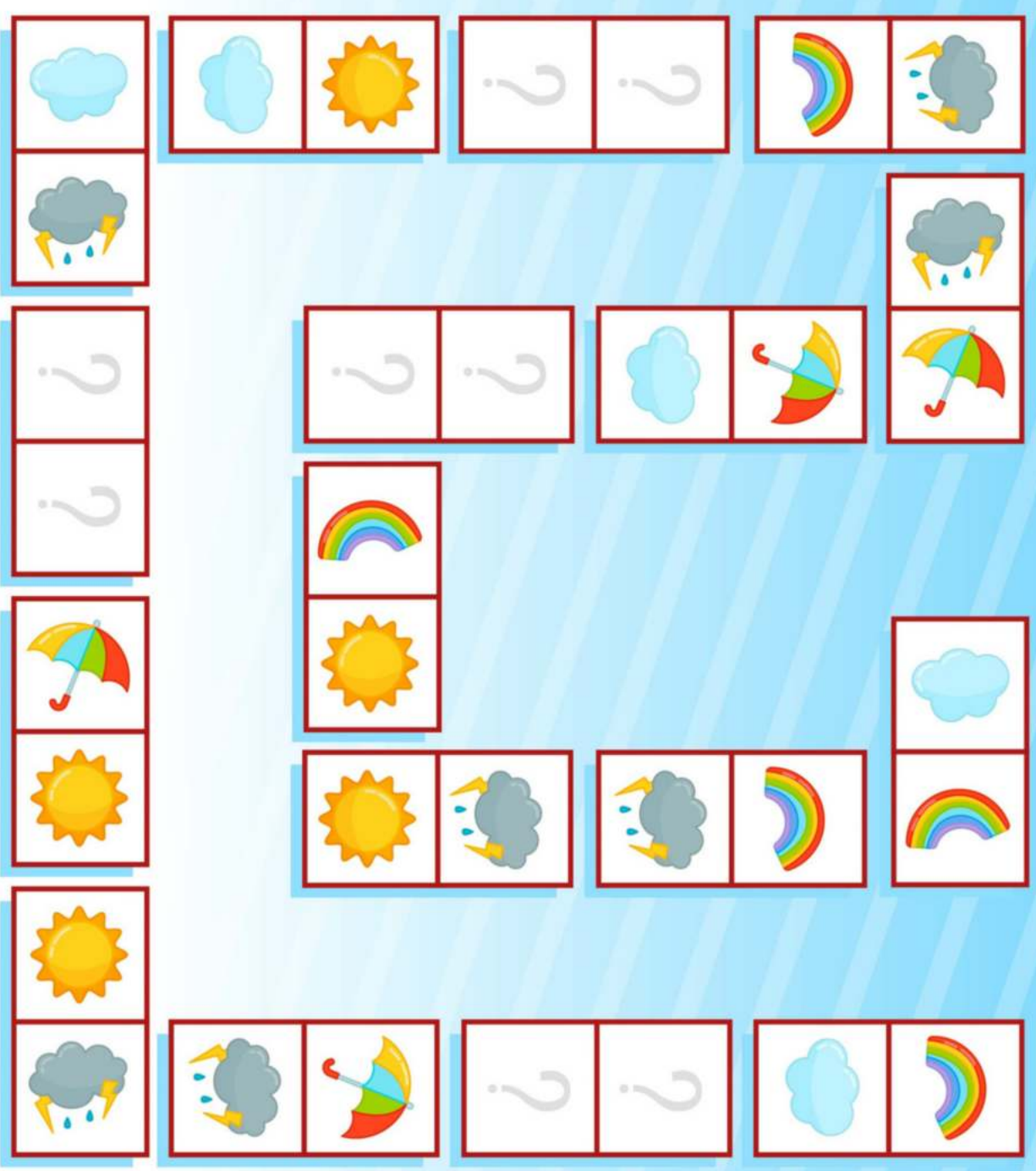


Thunderstorm

# Baby

## Dominoes

Cut out the shapes at the right and match what comes next in the pattern.



Match the clothing with the weather.



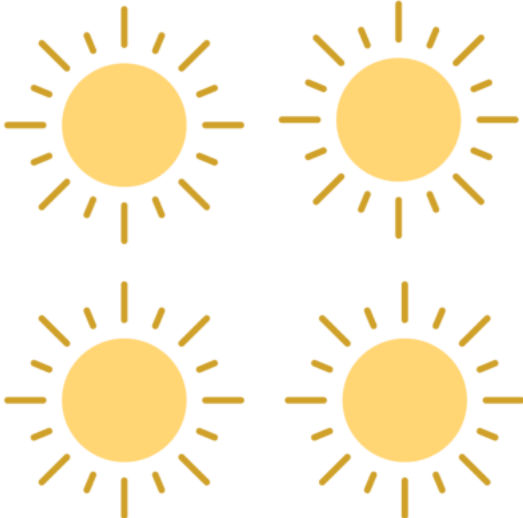
# Numbers 1 - 50



|                  |                    |                    |                   |                   |
|------------------|--------------------|--------------------|-------------------|-------------------|
| 1<br>ONE         | 2<br>TWO           | 3<br>THREE         | 4<br>FOUR         | 5<br>FIVE         |
| 6<br>SIX         | 7<br>SEVEN         | 8<br>EIGHT         | 9<br>NINE         | 10<br>TEN         |
| 11<br>ELEVEN     | 12<br>TWELVE       | 13<br>THIRTEEN     | 14<br>FOURTEEN    | 15<br>FIFTEEN     |
| 16<br>SIXTEEN    | 17<br>SEVENTEEN    | 18<br>EIGHTEEN     | 19<br>NINETEEN    | 20<br>TWENTY      |
| 21<br>TWENTY-ONE | 22<br>TWENTY-TWO   | 23<br>TWENTY-THREE | 24<br>TWENTY-FOUR | 25<br>TWENTY-FIVE |
| 26<br>TWENTY-SIX | 27<br>TWENTY-SEVEN | 28<br>TWENTY-EIGHT | 29<br>TWENTY-NINE | 30<br>THIRTY      |
| 31<br>THIRTY-ONE | 32<br>THIRTY-TWO   | 33<br>THIRTY-THREE | 34<br>THIRTY-FOUR | 35<br>THIRTY-FIVE |
| 36<br>THIRTY-SIX | 37<br>THIRTY-SEVEN | 38<br>THIRTY-EIGHT | 39<br>THIRTY-NINE | 40<br>FORTY       |
| 41<br>FORTY-ONE  | 42<br>FORTY-TWO    | 43<br>FORTY-THREE  | 44<br>FORTY-FOUR  | 45<br>FORTY-FIVE  |
| 46<br>FORTY-SIX  | 47<br>FORTY-SEVEN  | 48<br>FORTY-EIGHT  | 49<br>FORTY-NINE  | 50<br>FIFTY       |

# Count & Mark

Count the weather elements in each box  
and mark the correct number



4 1 3 2



2 3 5 7

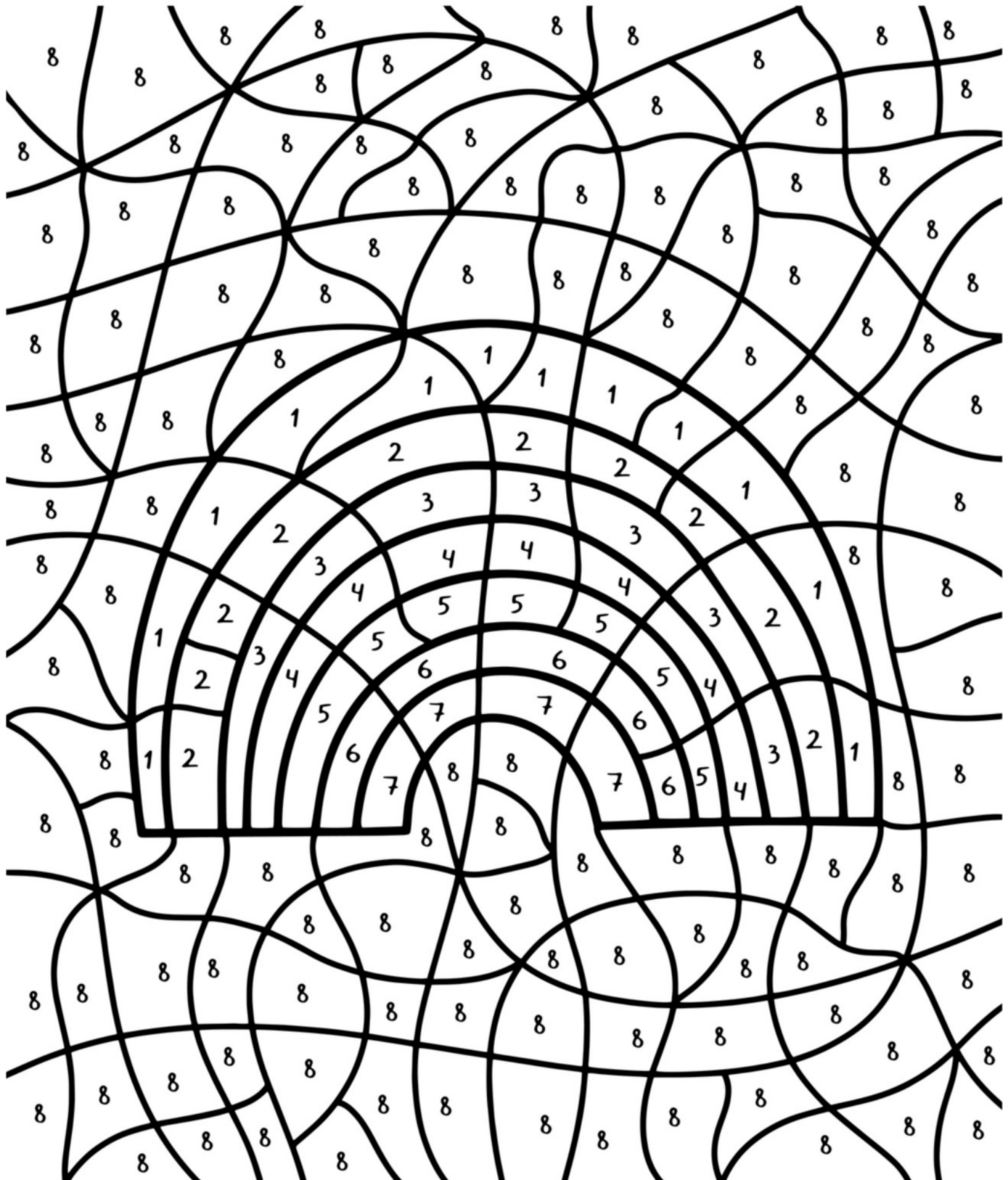


2 1 5 4



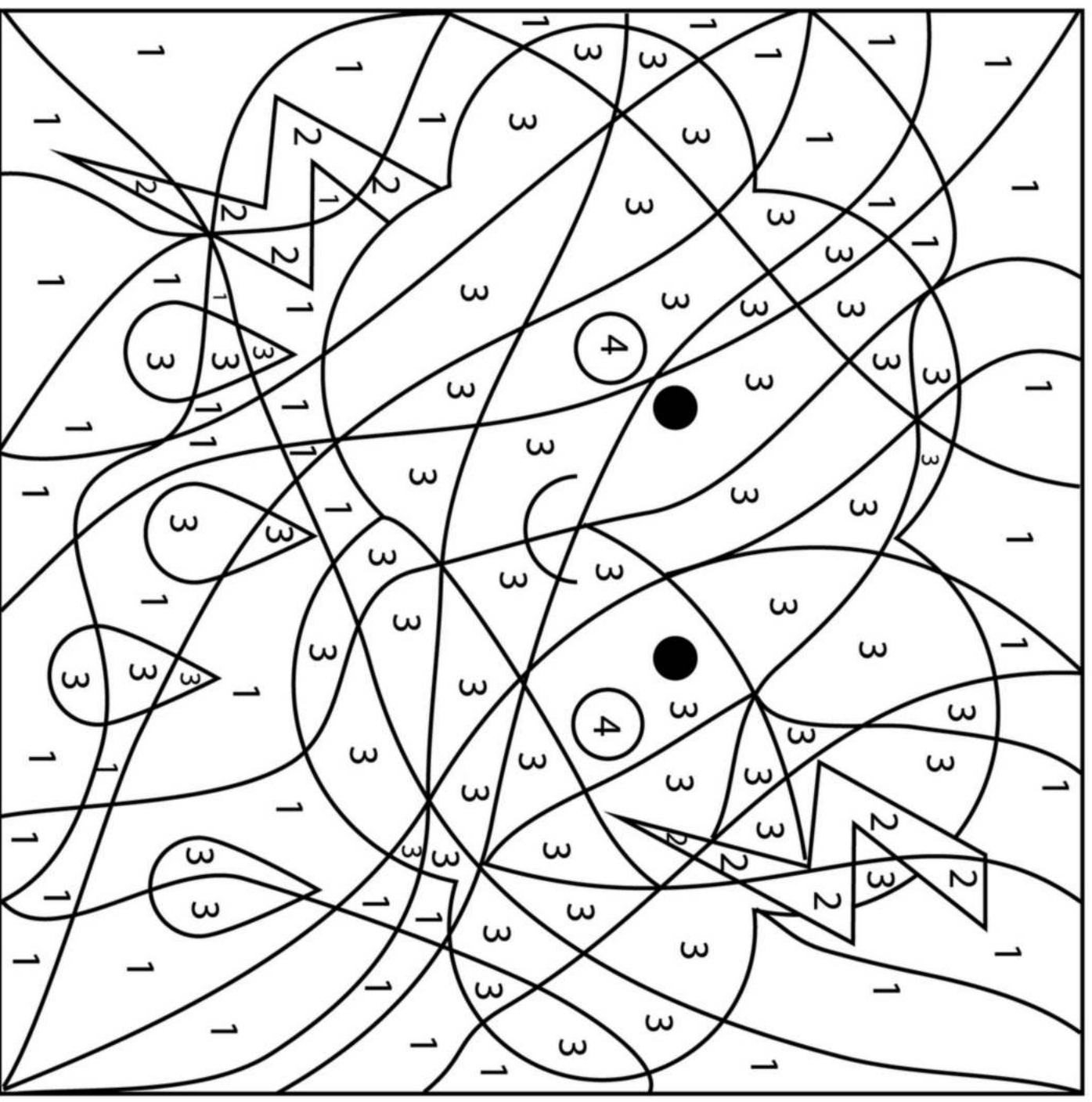
8 7 4 3

# Color By Number



# Color By Number

- 1 blue
- 2 yellow
- 3 grey
- 4 pink



# Match the cloud to its shadow.



a



b



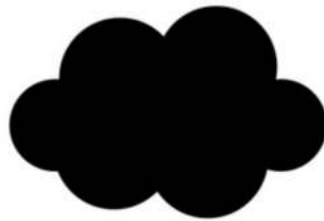
c



d



a



b



c



d

Answer: a-b; b-d; c-a; d-c

# Count How Many for Each Type

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   |                                                                                    |                                                                                     |                                                                                     |
|                   |                                                                                    |                                                                                     |                                                                                     |
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|       |                                                                                    |                                                                                     |                                                                                     |
|       |                                                                                    |                                                                                     |                                                                                     |
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|       |                                                                                    |                                                                                     |                                                                                     |
|       |                                                                                    |                                                                                     |                                                                                     |
|       |                                                                                    |                                                                                     |                                                                                     |

# CLOUD COUNTING

Trace the numbers showing in the clouds below. Where numbers are missing write in the correct number.



# Counting to 20

Draw the correct number of raindrops under each umbrella.

11



15



20



19



13

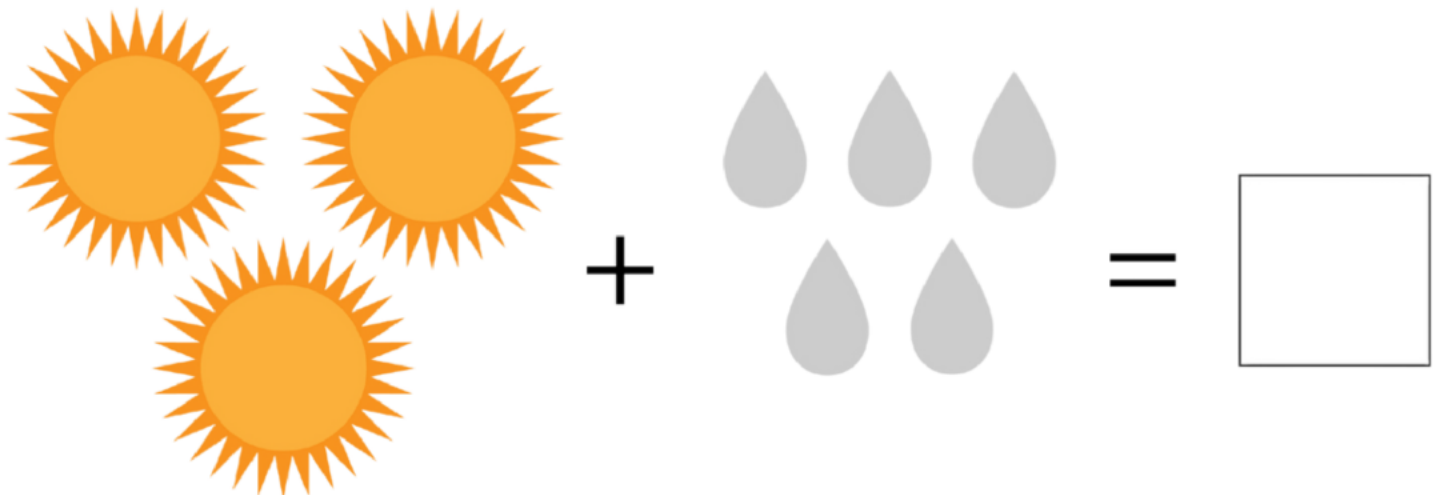
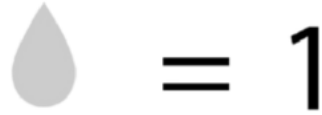
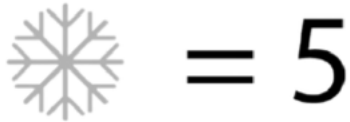
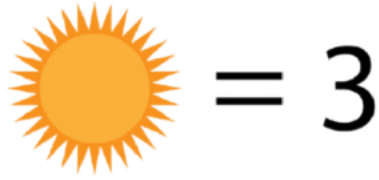


17



# How Many?

Use the scale to determine how many are in each statement.



# Trace the Letters



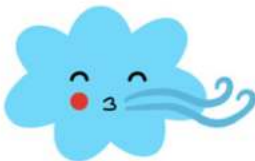
sunny



cloudy



rainy



windy

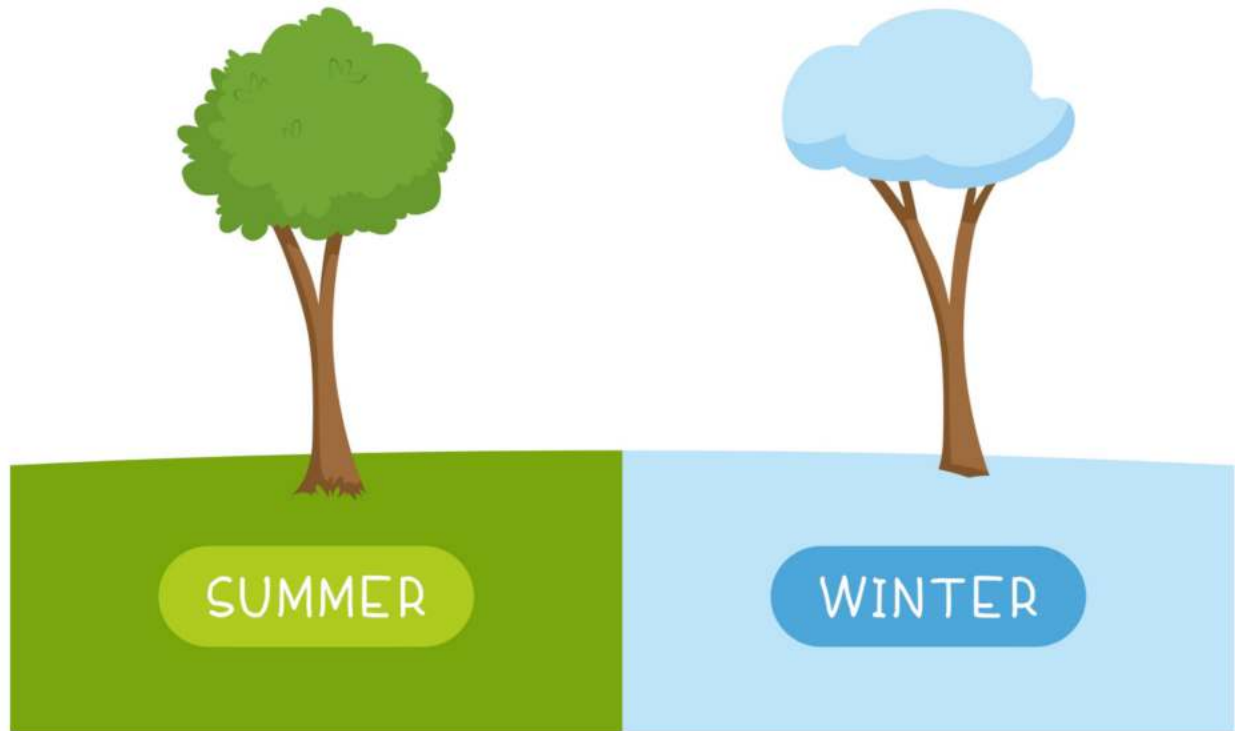


tornado

# Basic Illustrated Water Cycle



# Guide to Seasons



AUTUMN



SPRING

# Match the Pictures to the Correct Season



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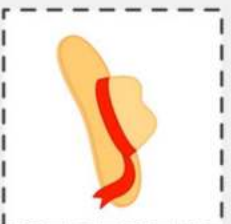
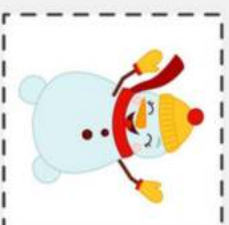
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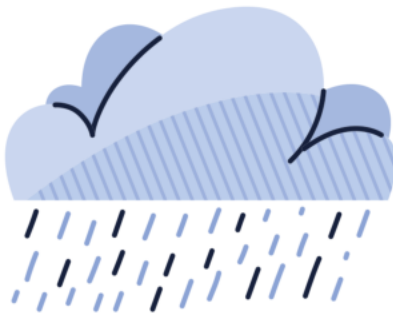
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# Types of Weather

Using the word bank, name each of the weather events.

Rainy Cloudy Sunny Tornado Snowing Lightning



# WHAT'S THE WEATHER?

Use this page to graph the weather for a month.



Sunny

# Rainy

Cloudy

# Stormy

# Snowy

What type of weather did you have the most?

What type of weather did you have the least?

# Weather Matching

*Cut and paste the correct weather label for each picture below*

|                                                                                                             |                                                                                                             |                                                                                                               |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <br><input type="text"/>   | <br><input type="text"/>   | <br><input type="text"/>   |
| <br><input type="text"/>  | <br><input type="text"/>  | <br><input type="text"/>  |
| <br><input type="text"/> | <br><input type="text"/> | <br><input type="text"/> |

lightning

tornado

snowy

rainy

partly cloudy

rainbow

sunny

windy

foggy

# Write an Acrostic Poem

An acrostic is a poem in which the first letters of each line spell out a word or phrase.

**Example:** Here is an example of a acrostic poem that rhymes :

**S** oft, silky clouds dotted a sea of blue

**K** ites soared high as warm winds blew

**Y** et another perfect day



Your Turn

S \_\_\_\_\_

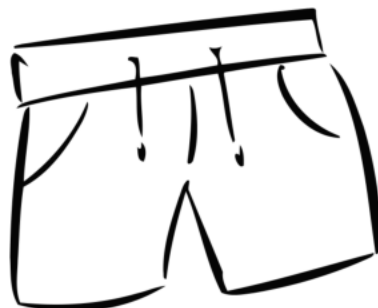
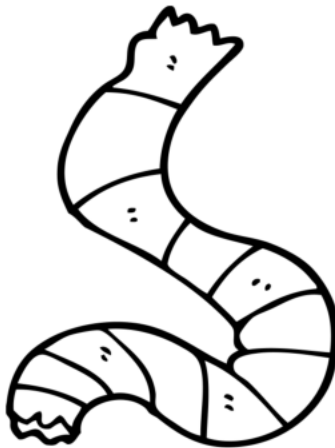
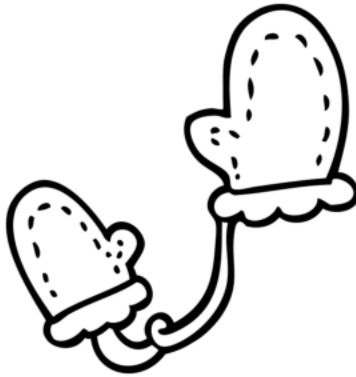
U \_\_\_\_\_

N \_\_\_\_\_

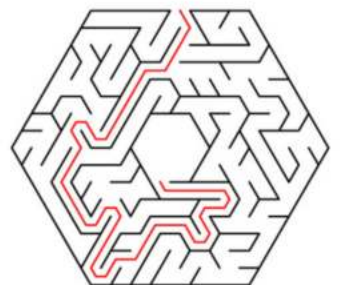
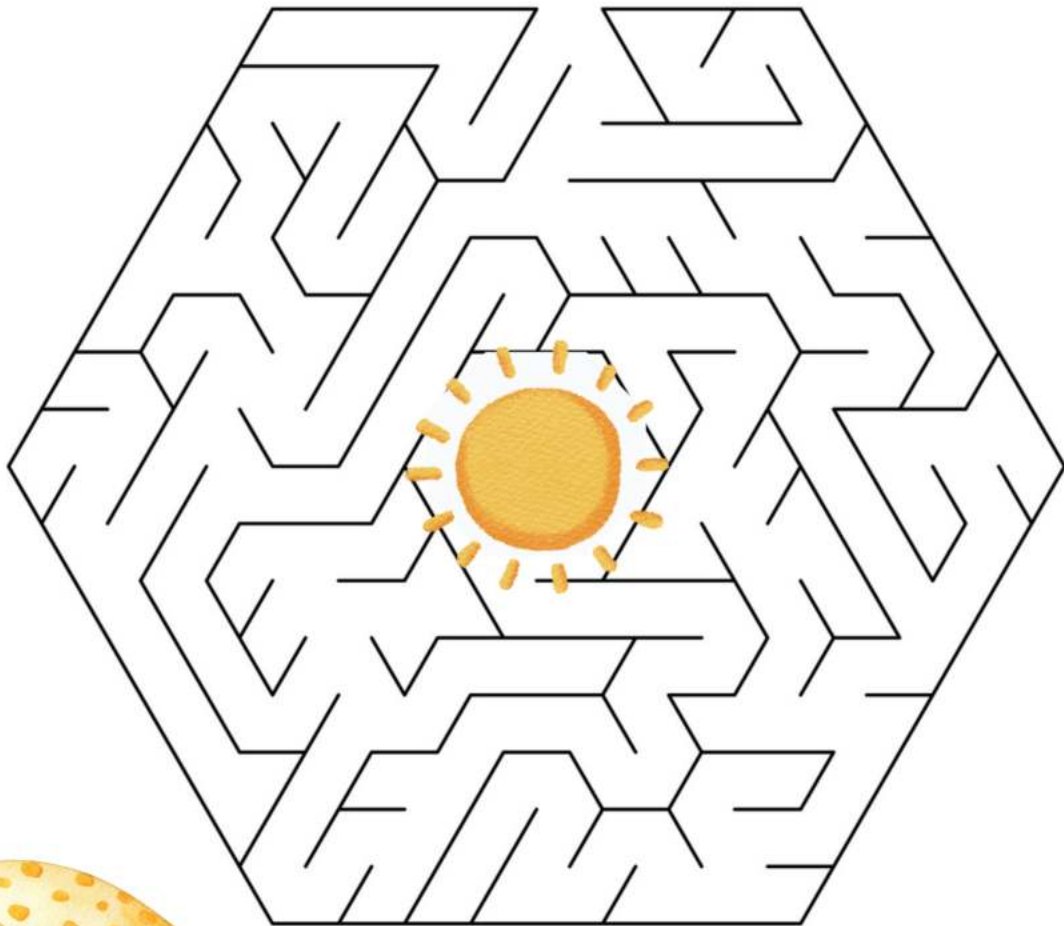
Color the clothes based on the weather.

warm - yellow

cold - blue



# Solve the Weather Maze!



# Word Scramble



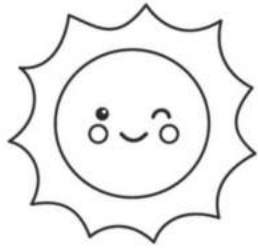
dcluo

\_\_\_\_\_



rcecstne

\_\_\_\_\_



uns

\_\_\_\_\_



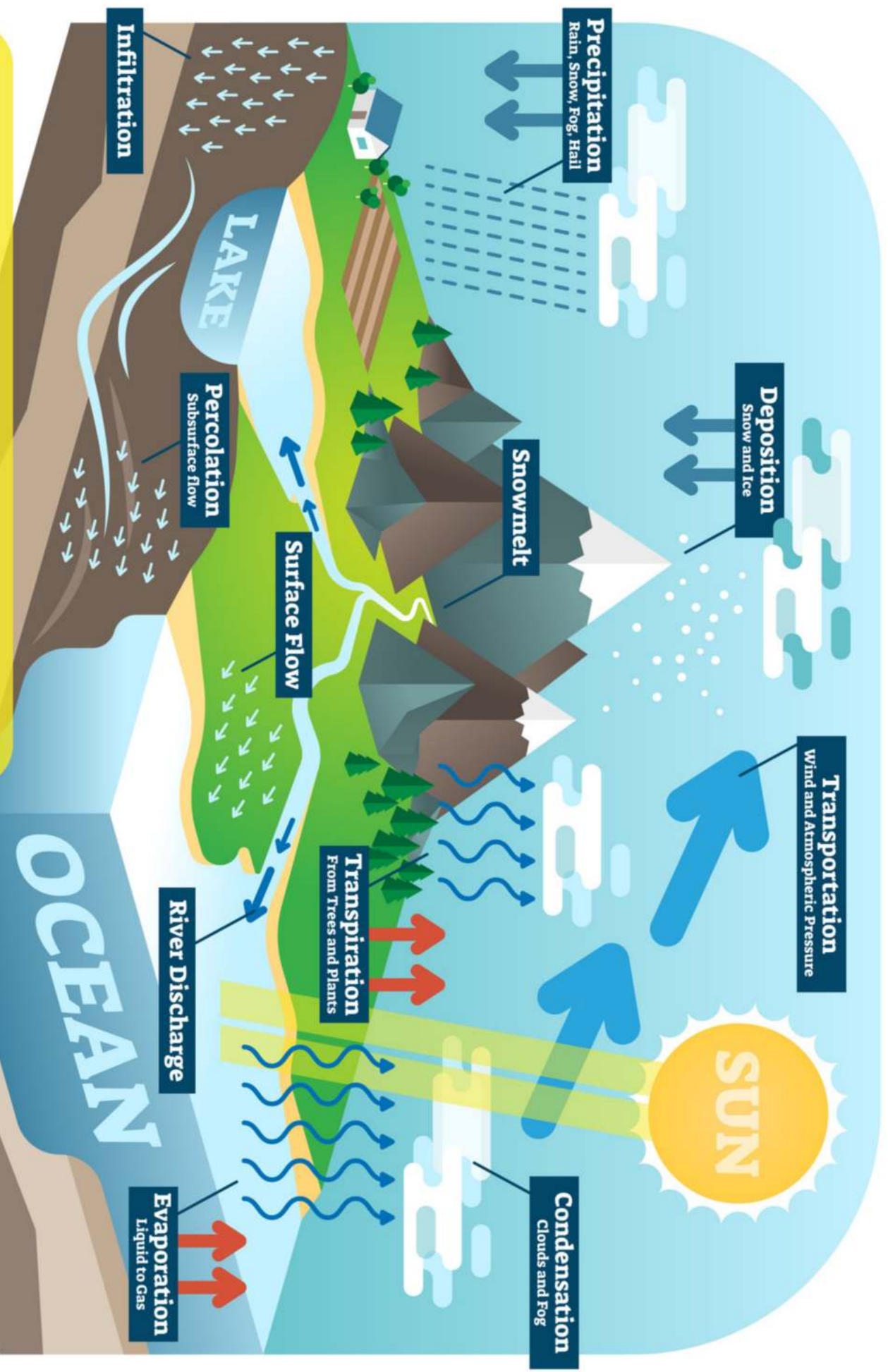
lubmerla

\_\_\_\_\_



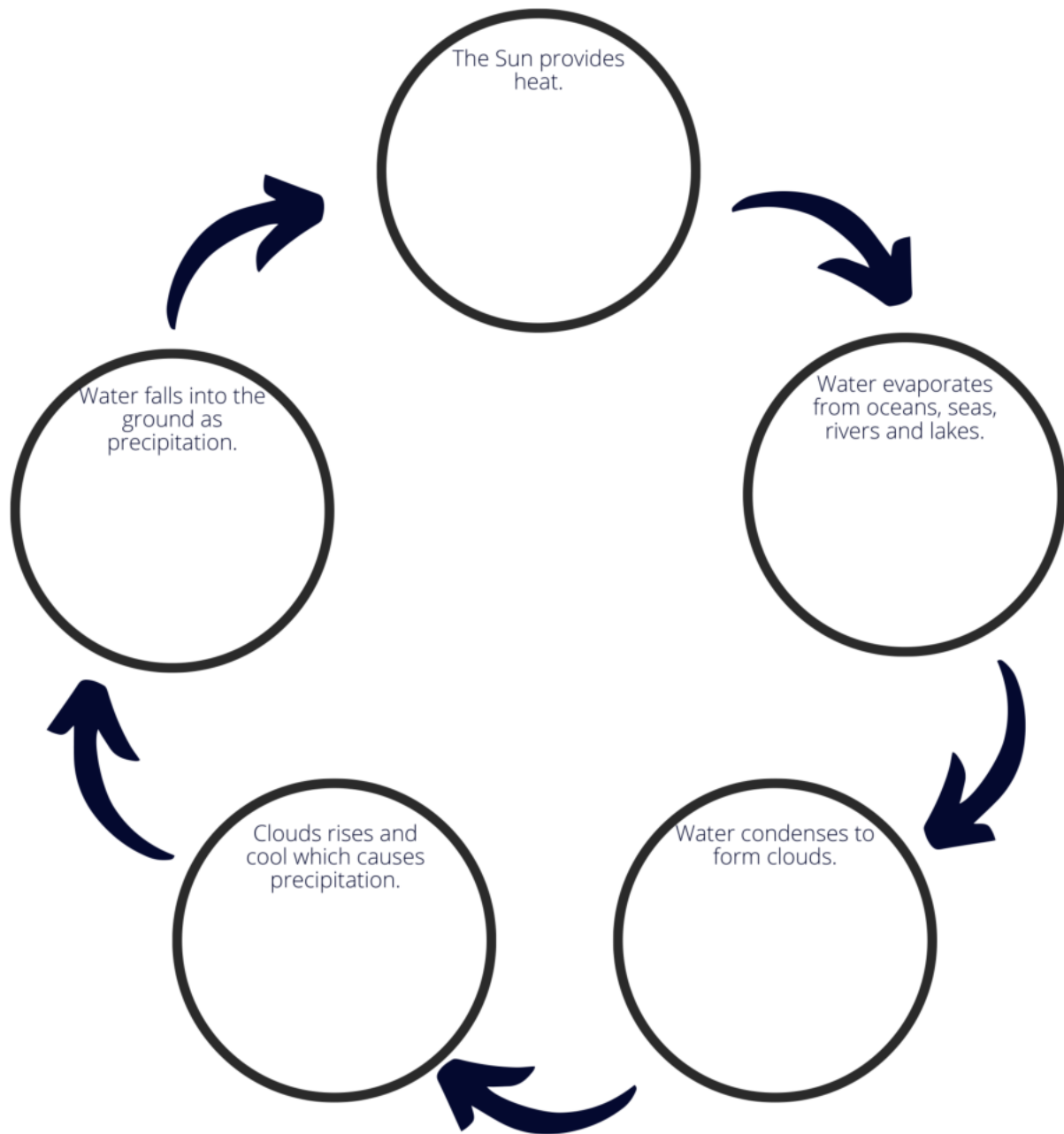
ianr

\_\_\_\_\_



# Water Cycle

# ILLUSTRATE THE WATER CYCLE



# What's the Temperature Difference?

Look up the current temperatures in these cities and record them.

- London, England:
- Atlanta, Georgia
- New York, New York:
- San Diego, California:
- Toronto, Canada:
- Rio de Janeiro, Brazil:
- Sydney, Australia:
- Oslo, Norway:
- Fairbanks, Alaska:
- Your Hometown:

Which city has the highest temperature?

Which city has the lowest temperature?

What is the difference between the temperature of those two cities?

# Cloud FACT FILE

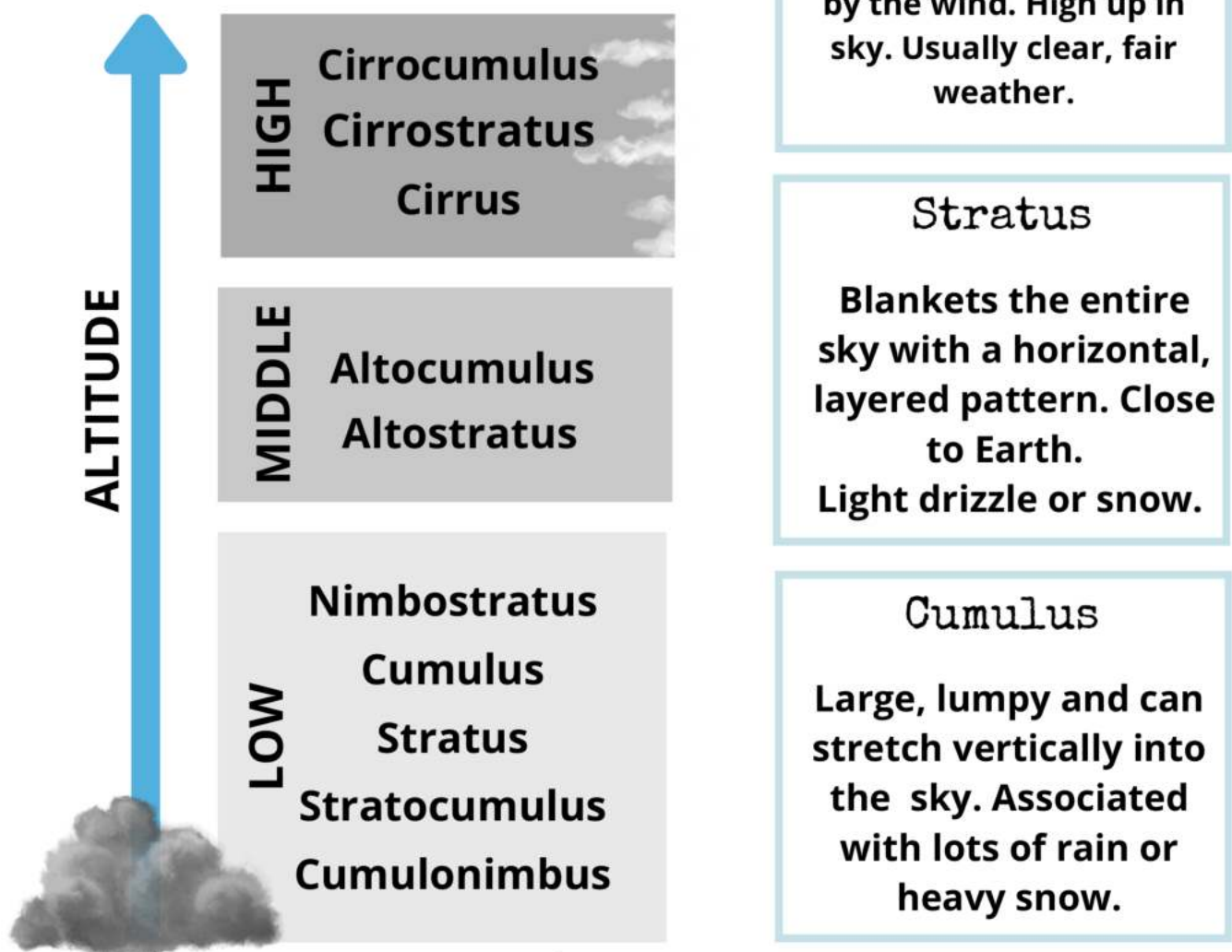


**Clouds are made up of tiny, light-weight, round water drops or ice crystals, floating in the sky.**

## Formation

Water vapour is the gas form of water. When water evaporates, some of it turns into water vapour and travels into the sky where the temperature gets cooler. The droplets attach themselves to small particles of dust, ice, pollen and so on, forming a cloud.

## Types of Clouds



# Name That Cloud!



|  |                                                                                             |
|--|---------------------------------------------------------------------------------------------|
|  | feathery clouds associated with fair weather                                                |
|  | smooth, gray clouds that block out sunlight; usually accompanied by steady rain and drizzle |
|  | fluffy and white with flat bottoms; associated with fair weather                            |
|  | thunderstorm clouds; produce heavy rain with lightning and thunder                          |

# SUN SAFETY

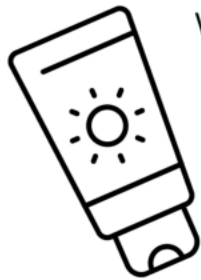
Explain why a broad-brimmed hat is better than a cap:



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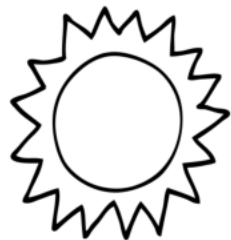


Where and how often should you apply sunscreen?

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What is the safest time of day to be outdoors?

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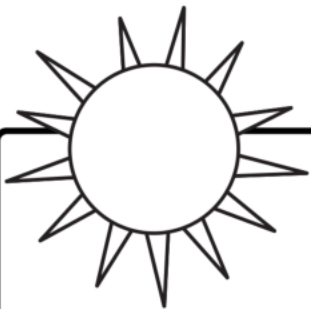
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What are some consequences of not being sun safe?

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# SUN SAFETY

Create your own sun safety poster below:

# Facts About Blizzards

Below are some interesting facts about blizzards.



**A.** A snowstorm has to have sustained winds of at least 35 mph to be considered a blizzard. Some are as strong as a hurricane!



**B.** Blizzards can create a whiteout. During a whiteout, it's hard to tell the land and the sky apart, and it's dangerous because it's easy to lose your sense of direction.



**C.** Blizzards can happen anywhere in the world. In the U.S, they are most common in the northeast.



**D.** Some blizzards can drop between 25 and 30 feet of snow! That's almost the height of two giraffes!

# Facts About Tornadoes

Below are some interesting facts about tornadoes.



- A.** A group of states in the midwestern US where tornadoes are most likely to occur is called "Tornado Alley," but tornadoes can occur anywhere.



- B.** With around 1200 each year, the USA has more tornadoes yearly than any other country.



- C.** Most tornadoes only travel a few miles before dying out.



- D.** The largest tornado on record occurred in Oklahoma in 2013. At its largest, it was measured at 2.6 miles wide.

# Facts About Hurricanes

Below are some interesting facts about hurricanes.



**A.** Hurricanes are huge, tropical storms that form over warm water. They are also called cyclones, typhoons, and tropical storms.



**B.** The eye of a hurricane is usually around 30 miles, but can be up to 200 miles wide!



**C.** Hurricanes north of the equator spin counterclockwise, while south of the equator, they spin clockwise.



**D.** The largest hurricane recorded occurred in October of 1979. Known as "Typhoon Tip," it was a Category 5 Super Typhoon and reached 1380 miles in diameter.

# Facts About Weather

Below are some interesting facts about weather.



- A.** Heatwaves can cause steel train tracks to bend! The immense heat causes the steel to expand and then buckle, causing major problems on the railway lines.



- B.** From July to September 2001, the people of the southern Indian state of Kerala on numerous occasions witnessed blood red rain!



- C.** Waterspouts, a tornado that occurs over the water, can make sea creatures rain down from the sky.



- D.** In February 1814, the River Thames in London was frozen so solid, they held a fair on the ice...complete with a marching elephant!

# Facts About Weather

Below are some interesting facts about weather.



**A.** Dirt mixed with wind can make dust storms called black blizzards.



**B.** About 2,000 thunderstorms rain down on Earth every minute.



**C.** Weather radar can tell the movement of precipitation, what type it is (rain, snow, hail, etc.), and forecast its future. Sir Robert Alexander Watson-Watt created the first radar system in 1935



**D.** The world record for low temperature was set at Vostok Station, Antarctica, on July 21, 1983. The recorded temperature was  $-89.2^{\circ}\text{C}$  ( $-128.6^{\circ}\text{F}$ ).

# Facts About Weather

Below are some interesting facts about weather.



- A.** Furnace Creek in Death Valley currently holds the record for the hottest air temperature ever recorded. The desert valley reached highs of 56.7C (134 F!!) in the summer of 1913.



- B.** Meghalaya, India is reportedly the rainiest spot on Earth. The village of Mawsynram in Meghalaya receives 467 inches of rain per year.



- C.** The average annual wind speed in Commonwealth Bay in Antarctica is 50 mph, but winds of over 150 mph are recorded on a regular basis, making it the windiest place on Earth!



- D.** Yakutsk in Siberia, Russia is the coldest city on Earth. Temperatures have reached -63C (-81.4 F!). Some residents say they've had much colder days, but the thermometers won't read below -60C.

# Weather idioms & phrases



Match the beginnings to the endings to make idiomatic expressions. Write the correct letter in the boxes.

- 1 lightning never... ☐
- 2 to be snowed... ☐
- 3 every cloud... ☐
- 4 come rain... ☐
- 5 to take... ☐
- 6 to steal... ☐

- a ...or shine
- b ...a rain check
- c ...strikes twice
- d ...has a silver lining
- e ...under
- f ...sb's thunder

# Weather idioms & phrases

2

Complete the following sentences with the expressions from Exercise 1. You may need to make some changes.

a

I lost my job last year. But I had time to think about what I really want to do. So I guess \_\_\_\_\_.

b

\_\_\_\_\_, I'll be at the match cheering for you. Don't worry!

c

I'm so mad at Sharon for \_\_\_\_\_ by announcing her engagement at my wedding!

d

I can't hang out with you this week. I'm totally \_\_\_\_\_ at school.

e

Sorry, but I'll have to \_\_\_\_\_ on that drink. I have to work late tonight.

f

You may have passed the test without studying much. But you'll have to study harder next time. \_\_\_\_\_ in the same place.

# Reading Comprehension

## FLOODS

Floods are a natural occurrence, where large amounts of water submerge normally dry land.

Floods can be caused by several factors. The most common cause is heavy rain that the earth can not absorb fast enough. Other causes include tropical cyclones, tsunamis, high tides or rapid snowmelt.



There are typically three types of floods: Flash floods caused by rapidly rising water due to excessive rainfall; River floods when river banks are breached due to rain or snowmelt; and coastal floods caused cyclones or tsunamis.

Floods can be dangerous. The most common cause of death relating to flooding is drowning. However, they are also responsible for the destruction of property, loss of livestock, increase in water and vector borne diseases and injuries by submerged objects. For safety reasons, no one should enter flood waters.

- 1** List the five main causes of \_\_\_\_\_  
floods: \_\_\_\_\_
- 2** How can heavy rainfall \_\_\_\_\_  
cause a flood? \_\_\_\_\_
- 3** What are some safety precautions you can take to keep yourself  
safe from flood waters? \_\_\_\_\_
- 4** Are there any benefits to flooding? \_\_\_\_\_

# Least Common Multiple

Determine the least common multiple of each set of numbers.



4 and 10

6 and 8

10 and 12

15 and 12

25 and 75

40 and 15

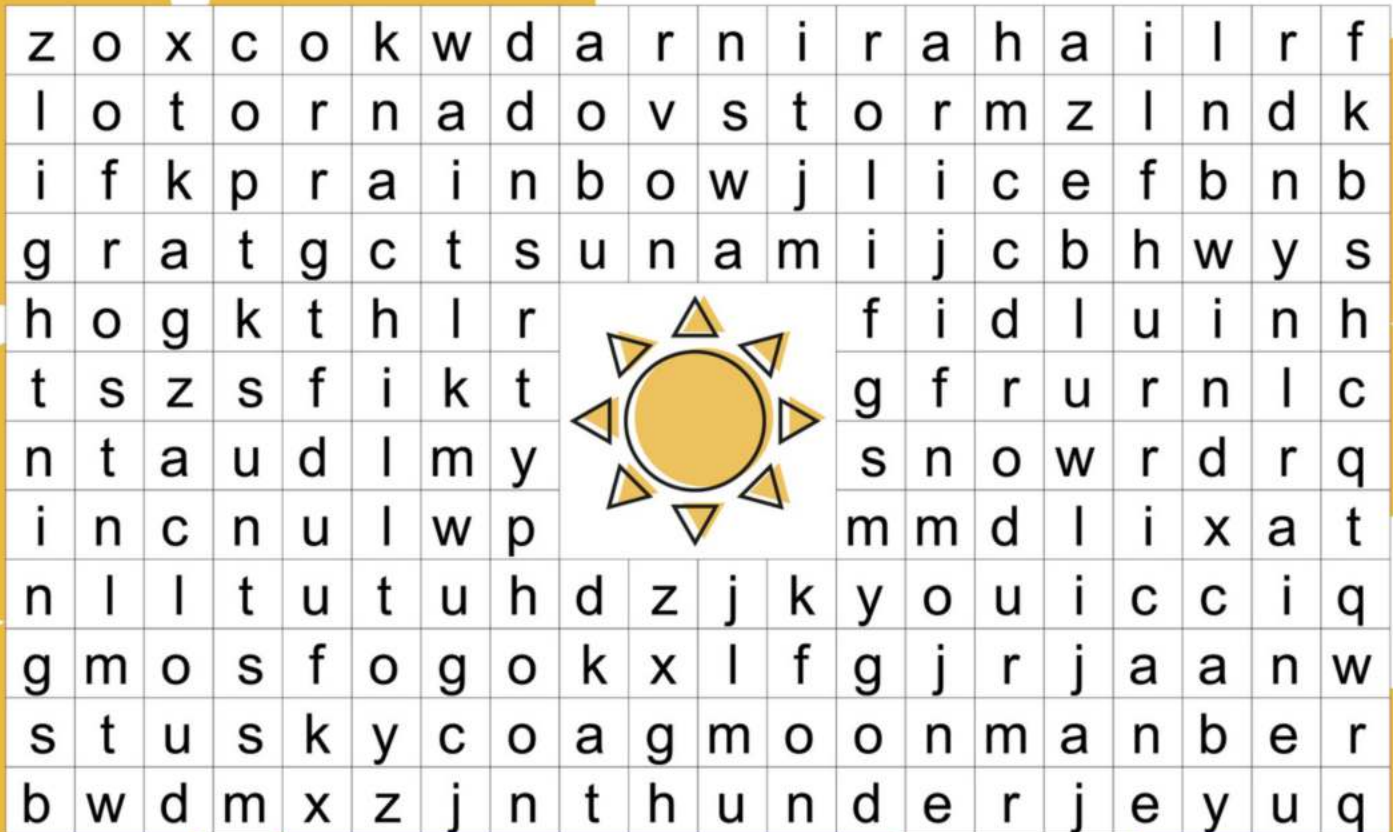
13 and 26

32 and 24

16 and 20



# Weather Word Search



|       |           |         |         |
|-------|-----------|---------|---------|
| chill | hurricane | rainbow | thunder |
| cloud | ice       | sky     | tornado |
| fog   | lightning | snow    | tsunami |
| frost | moon      | storm   | typhoon |
| hail  | rain      | sun     | wind    |



# Autumn Word Search



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



THANKSGIVING  
HALLOWEEN  
RAINCOAT  
TURKEY

YELLOW  
HARVEST  
NUTS  
FOOTBALL

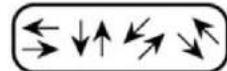
APPLE  
PUMPKIN  
CIDER  
COOL

SEPTEMBER  
ACORNS  
FALL  
LEAVES

# Summer Word Search



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



SUN  
TRAVEL  
ICE CREAM  
THUNDERSTORM

JOURNEY  
SHELL  
BERRIES  
SANDALS

SUMMER  
PLAY  
FRIENDS  
CAMP

WATER  
GRASS  
SUNFLOWER  
HOT

# Spring Word Search



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



BLOSSOM  
BUTTERFLY  
EASTER  
THAW

APRIL  
TULIP  
BUNNY  
ROBIN

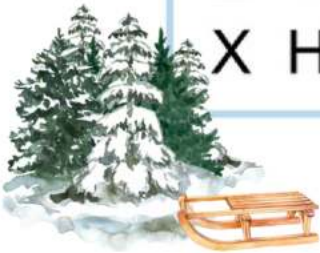
NEST  
BREEZE  
RAIN  
RAINBOW

GREEN  
UMBRELLA  
GRASS  
BUD

# Winter Word Search



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



WINTERTIME  
COLD  
SNOW  
FIREPLACE

HOODIE  
BLANKET  
CHRISTMAS  
ICE SKATES

ICICLE  
SNOWMAN  
ICE  
HOT COCOA

SOCKS  
MITTENS  
DECEMBER  
SNOWFLAKE

# Crack the Code

Crack the code to reveal more words.

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  |    | 5  | 1  | 6  | 7  | 7  | 8  | 1  | 6  |    | 9  | 6  | 10 |
| R  | A  | I  | N  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 11 | 6  | 12 | 5  | 6  | 1  | 2  | 11 | 8  | 1  | 6  |    | 7  | 13 | 6  | 6  | 11 |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 14 | 8  | 12 | 3  | 9  | 3  | 11 | 15 |    | 16 | 13 | 3  | 17 | 17 | 2  | 1  | 9  |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 18 | 19 | 20 |    | 10 | 3  | 4  | 9  |    | 7  | 4  | 19 | 10 | 18 | 2  | 13 | 13 |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 16 | 2  | 1  | 19 | 12 | 6  | 11 | 6  | 1  |    | 11 | 19 | 1  | 4  | 2  | 9  | 19 |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 18 | 1  | 19 | 7  | 11 |    | 12 | 6  | 11 | 6  | 19 | 1  | 19 | 13 | 19 | 20 | 15 |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 7  | 12 | 19 | 20 |    | 1  | 2  | 3  | 4  | 16 | 19 | 10 |    | 14 | 6  | 2  | 11 |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 2  | 11 | 12 | 19 | 7  | 5  | 14 | 6  | 1  | 6  |    | 21 | 13 | 19 | 8  | 9  | 7  |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 21 | 2  | 13 | 12 |    | 21 | 13 | 6  | 2  | 1  |    | 7  | 22 | 8  | 2  | 13 | 13 |
|    |    |    |    |    | C  | L  | E  | A  | R  |    |    |    |    |    |    |    |
| 11 | 14 | 8  | 4  | 9  | 6  | 1  | 7  | 11 | 19 | 1  | 12 |    | 14 | 2  | 3  | 13 |
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

**ANSWER:** 1=R, 2=A, 3=I, 4=N, 5=P, 6=E, 7=S, 8=U, 9=D, 10=W, 11=T, 12=M, 13=L, 14=H, 15=Y, 16=B, 17=Z, 18=F, 19=O, 20=G, 21=C, 22=Q.