

Winter Activity Book



3rd Grade

Name: _____

Winter Fun Facts

Read the fun facts carefully. You will need them for the activities!

The first day of winter is the solstice, December 21 or 22. It is the shortest day and the longest night of the year.



When it is winter in the United States, it is summer in Australia. The two halves of the Earth have opposite seasons.



Snowflakes are six-sided because water always freezes in hexagons: shapes with six corners.



A blizzard is not just a lot of snow: it needs strong wind and blowing snow for at least three hours.



Black bears do not truly hibernate. They enter torpor: a lighter sleep from which they can wake up.



Groundhogs are true hibernators: their heartbeat drops from about 80 to only 5 beats per minute.



The arctic fox grows a thick white winter coat. That is camouflage: colors that help an animal hide.



An igloo keeps you warm because snow is full of tiny air pockets. Trapped air works as insulation: a layer that keeps heat in.



The record for the most snow in one US winter is held by Mt. Baker, Washington: about 95 feet of snow in one season!



Activities

You can find all the answers in this book!

1. What is the solstice?

2. What season is it in Australia when it is winter here?

3. Why are snowflakes six-sided?

4. What does a blizzard need besides a lot of snow?

5. What is the difference between torpor and true hibernation?

6. What is camouflage?

7. Why does an igloo keep you warm?

8. Which US mountain holds the record for most snow in one season?

9. Go to mokifun.com and play: Ski Jump.

What was your score? I scored _____ points.



Word Scramble

Unscramble the letters. All the words are about winter!



W I D N →

S O N W →

L C L H I →

S T O R F →

G E V O L →

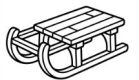
L F Y U R R →

E E Z F R E →

S B O T O →

H O E S V L →

L D S E →

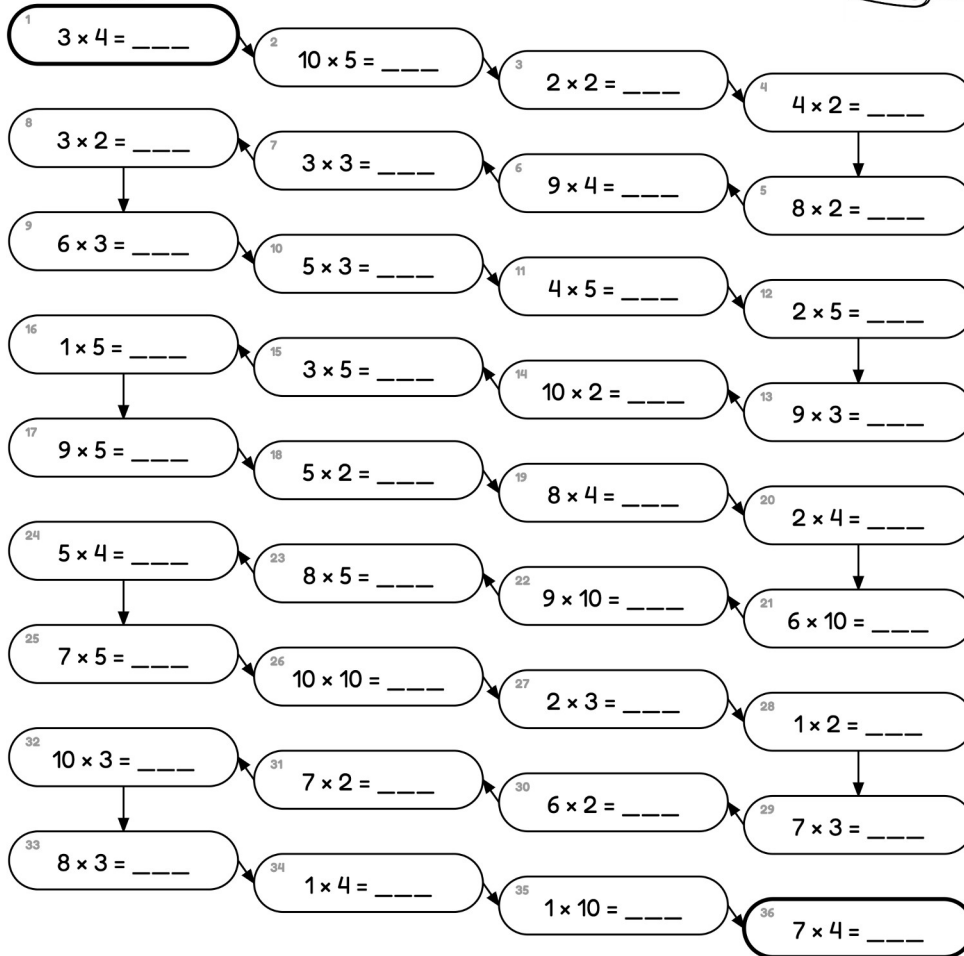


Math Snake

Solve the problems and color the snake.



START



FINISH



Activity

Go to mokifun.com and play: Math Monkey

How many problems did you get right?

My score: _____

Matching

Match the winter word to its meaning!



Snowplow ●

● A heavy snowstorm with strong wind

Igloo ●

● Thin ice crystals on cold surfaces

Flurry ●

● A short, light snowfall

Frost ●

● A truck that clears snowy roads

Thaw ●

● A dome house built from snow blocks

Blizzard ●

● Frozen rain drops

Icicle ●

● When ice and snow start to melt

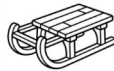
Sleet ●

● A hanging spike of frozen water



Sudoku

Every digit from 1 to 9 appears once in each row, column, and box.



Puzzle 1

6	2	7	1	5			8	4
	8		4	7		1		
1	4	5		8		3	6	
			6				7	5
4		6		1	5			
	3	8			9	4		
3		1	2		8		4	
7	9		5	4	1		3	8
8			3		7		2	1

Puzzle 2

			2			7		8
7	3		4	8	9		1	6
2	9				6	5	3	4
9		2		6	4	3	7	
		1				8		2
		7	8				4	
5	2		6	4			8	7
6				5	8			3
8		9	3	2	7		6	5

Puzzle 3

			3	2	4			
	4	9					8	
1	5			6	8	3	7	4
	7	8	1					5
		4		8	2	1		
6								8
7	2		6		3	8	9	1
4	3	6	8	1	9	2		
9	8	1		5	7	4	6	3

Puzzle 4

5	8	6		1	2	3		9
9		4	3		7			
			9	5	6			2
4	9	8	5			6	3	
3	6	7	8	9	4			
1		2	6	7			8	4
6			1	3	9			8
2	1		7			4	5	
			2		5			

Mandala



Word Search

Find all the words. The leftover letters spell the secret word.



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



ice	ski	hat	sled
snow	cold	coat	wind
frost	scarf	skate	storm
igloo	boots	glove	cocoa
winter	icicle	mitten	freeze
shovel	flurry		



Solution: _____



Activity

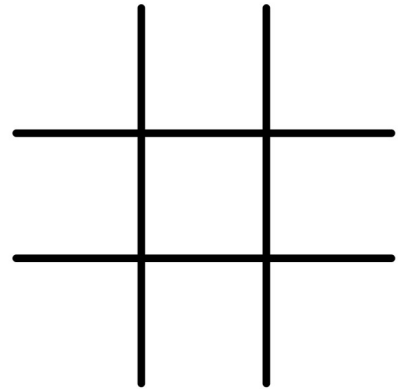
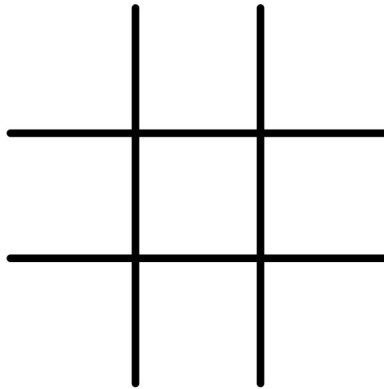
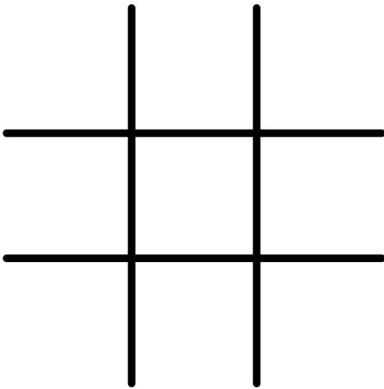
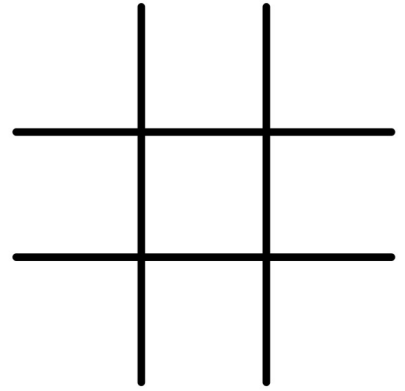
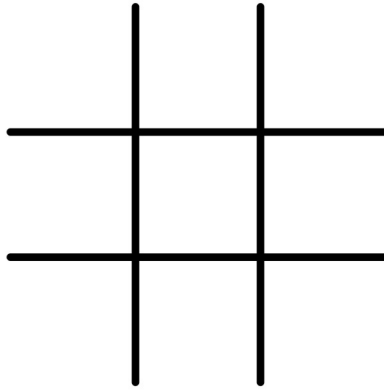
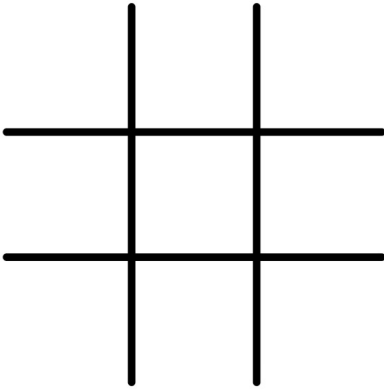
Go to mokifun.com and play: Word Race

How fast can you find the words?

My score: _____

Tic-Tac-Toe

A game for two. Who wins the most games?



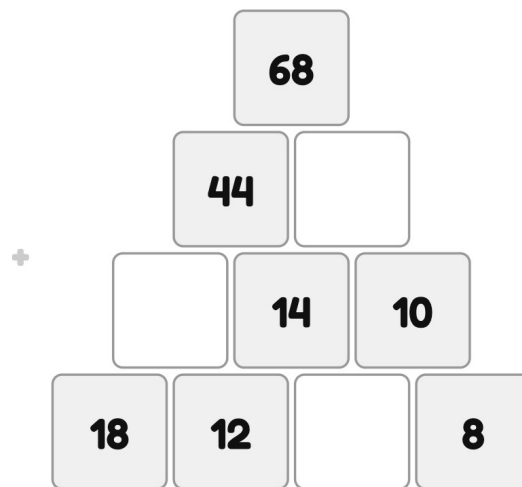
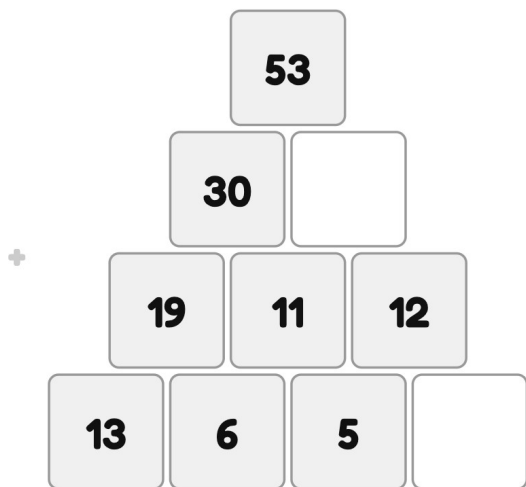
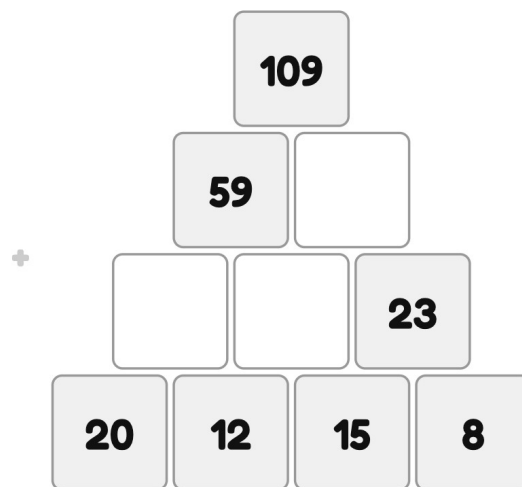
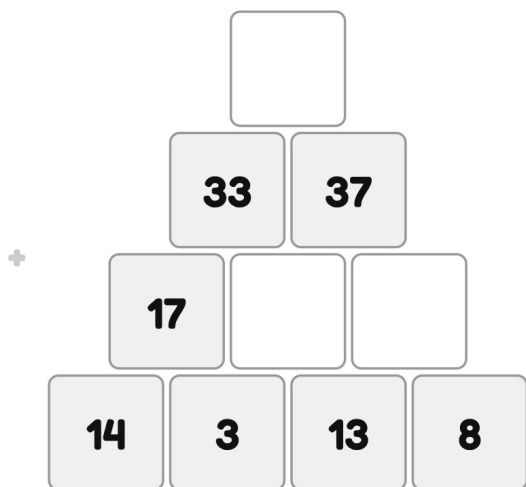
How to play Tic-Tac-Toe (2 players)

1. One player uses X, the other uses O. Take turns marking one square.
2. The first player to get three in a row – across, down, or diagonally – wins the game.
3. Board full and no three in a row? It is a tie. Play six games: who wins the most?

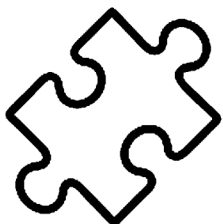


Math Pyramid

Each box is the sum of the two boxes below it. Fill in the empty boxes.



FUN GAMES!



PUZZLES



MAZES



RACE



COLORING