



BRAIN GAMES & LOGIC PUZZLES



FUN ACTIVITIES TO BOOST THINKING SKILLS!

THINK • SOLVE • LEARN • HAVE FUN!

Ages 7–10 • Grades 2–4 • Printable PDF

Name: _____

Teacher / Parent: _____



Critical Thinking • Logic • Patterns • Puzzles

2

Odd One Out

Circle the item that does not belong in each group.



apple

banana

carrot

orange



triangle

square

circle

blue



lion

tiger

eagle

zebra



pencil

eraser

ruler

sandwich



Monday

Tuesday

June

Friday



bus

train

bicycle

pillow



red

green

seven

yellow



winter

summer

spring

banana

Name: _____

3

Number Patterns

Find the rule and write the missing number.



2, 4, 6, __, 10

Answer: _____



5, 10, 15, __, 25

Answer: _____



30, 27, 24, __, 18

Answer: _____



3, 6, 12, __, 48

Answer: _____



1, 4, 7, __, 13

Answer: _____



100, 90, 80, __, 60

Answer: _____



7, 14, 21, __, 35

Answer: _____



64, 32, 16, __, 4

Answer: _____

4

Symbol Patterns

Choose what should come next in each sequence.



A. ● B. ▲ C. ■



A. ■ B. ▲ C. ■



A. ■ B. ★ C. ■



A. ● B. ▲ C. ■



A. ■ B. ■ C. ■



A. ◆ B. ■ C. ■

Word Search

Find BRAIN, LOGIC, PUZZLE, THINK, SMART, CLUE, GAME and WORD.



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

BRAIN • LOGIC • PUZZLE • THINK • SMART • CLUE • GAME • WORD

6

Word Scramble

Unscramble the letters to make a word.



NIBRA

→ _____



CILOG

→ _____



ZLZPUE

→ _____



MARTS

→ _____



UELC

→ _____



EMAG

→ _____



DROW

→ _____



NIKHT

→ _____

7

What Comes Next?

Choose the best answer.



2, 5, 8, 11, ?

A. 12 B. 14 C. 15



10, 20, 30, 40, ?

A. 45 B. 50 C. 60



1, 2, 4, 8, ?

A. 10 B. 12 C. 16



50, 45, 40, 35, ?

A. 30 B. 25 C. 20



A, C, E, G, ?

A. H B. I C. J



Monday, Wednesday, Friday, ?

A. Saturday B. Sunday C. Tuesday



Sam has 3 more stickers than Mia. Mia has 5 stickers. How many stickers does Sam have?

Answer: _____



A box has 12 crayons. 4 are red and 3 are blue. How many are green?

Answer: _____



There are 4 children. Each has 2 apples. How many apples altogether?

Answer: _____



A number is greater than 20 and less than 30. It is even and its digits add to 8. What is it?

Answer: _____



Lena reads 5 pages each day for 6 days. How many pages does she read?

Answer: _____

4×4 Sudoku

Fill with 1–4. Each number appears once in every row, column and 2×2 box.

1		3	
	4		2
2			3
	3	2	

Every row, column and 2×2 box must contain 1, 2, 3 and 4.

6×6 Sudoku

Fill with numbers 1–6. Each number appears once in every row and column.

1		3		5	
	5		2		4
2			5	6	
	3	5		1	
5		1	6		3
	6		1	4	

Challenge yourself — use logic, not guessing!

11

Which One Is Different?

Three items follow a rule. One does not. Circle it.



2,4,6,8

1,3,5,7

10,20,30,40

2,6,10,14

 3×2 4×2 5×2 $5 + 5$ 

square

rectangle

triangle

cube



January

March

May

Monday



16

25

36

42

Secret Code

Use A=1, B=2, C=3 ... Z=26 to decode the hidden words.



2-18-1-9-14

→ _____



12-15-7-9-3

→ _____



13-1-20-8

→ _____



7-1-13-5

→ _____



3-12-21-5

→ _____



16-21-26-26-12-5

→ _____

Matching Logic Puzzle

Match each child with a different favourite activity.



- Ava does not like Chess.
- Ben chose Reading.
- Chloe chose neither Drawing nor Chess.
- Diego does not like Reading.

Activities: Drawing • Reading • Puzzles • Chess

Child	Drawing	Reading	Puzzles	Chess
Ava	■	■	■	■
Ben	■	■	■	■
Chloe	■	■	■	■
Diego	■	■	■	■

■ THE MISSING LUNCHBOX

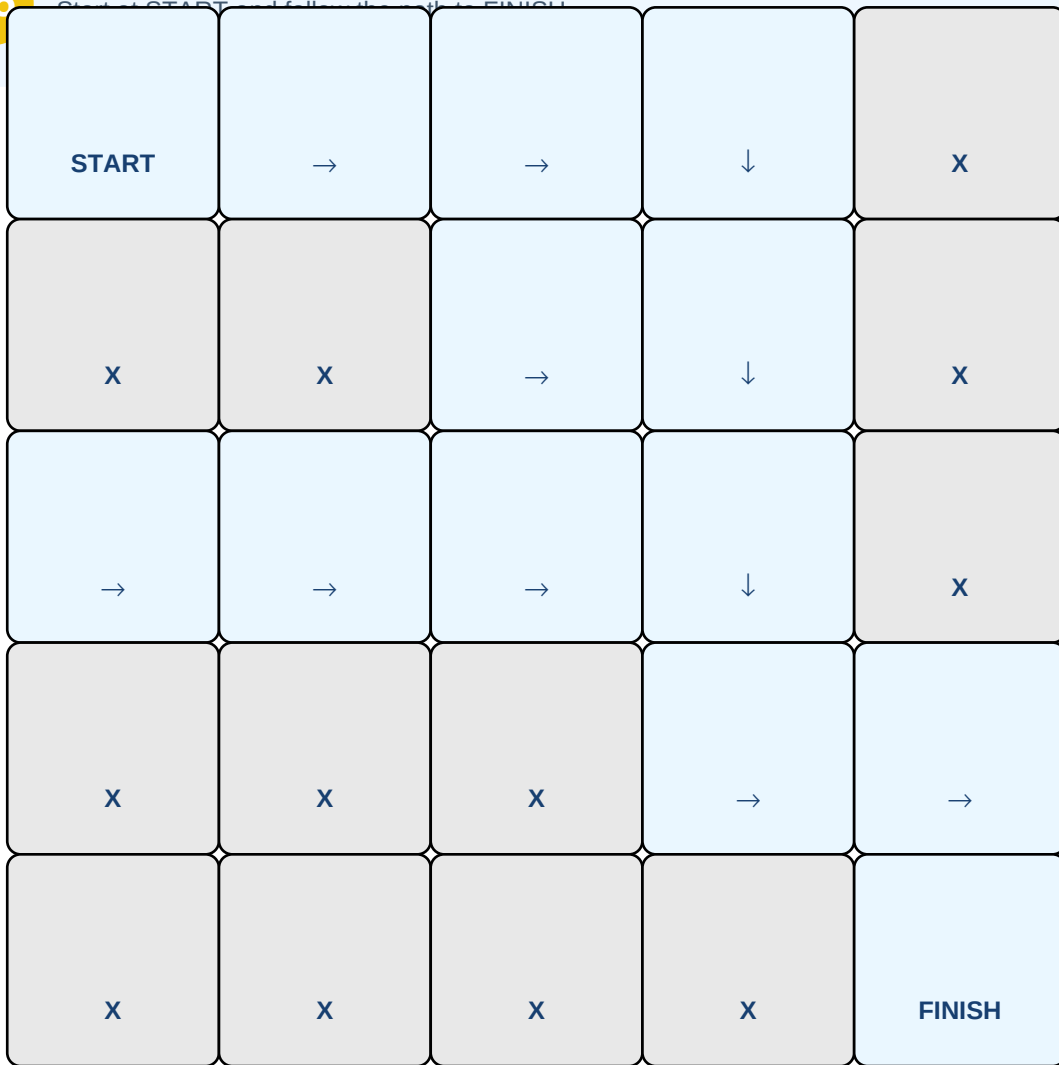
Maya, Leo and Noor each brought a different lunch: a sandwich, fruit and pasta. One lunchbox was left in the classroom.

- Maya did not bring pasta.
- Leo brought the sandwich.
- Noor did not bring fruit.
- The missing lunchbox contained pasta.

Who left the lunchbox?



Route Challenge



Direction sequence: _____



I have hands but cannot clap. What am I?

Answer: _____



I have keys but cannot open doors. What am I?

Answer: _____



I get wetter as I dry you. What am I?

Answer: _____



I have a face and two hands but no arms. What am I?

Answer: _____



I am full of holes but I can hold water. What am I?

Answer: _____



I can be cracked, made, told and played. What am I?

Answer: _____

Mixed Brain Challenge

Try all five challenges. Think carefully!



Find the odd number: 12, 18, 24, 31, 36.

Answer: _____



What is half of 18?

Answer: _____



If CAT becomes DBU, what does DOG become?

Answer: _____



Which is heavier: 1 kg of feathers or 1 kg of rocks?

Answer: _____



Complete: 9, 18, 27, __, 45.

Answer: _____



A farmer has 10 sheep. All but 3 run away. How many are left?

Answer: _____



Which number does not belong? 4, 8, 12, 15, 20.

Answer: _____



You have 3 red socks and 3 blue socks. What is the smallest number to guarantee a matching pair?

Answer: _____



Arrange: 0.5, 0.05, 0.15, 0.9 from smallest to largest.

Answer: _____



If today is Tuesday, what day will it be 10 days from now?

Answer: _____



2 Odd One Out: carrot; blue; eagle; sandwich; June; pillow; seven; banana.

3 Number Patterns: 8, 20, 21, 24, 10, 70, 28, 8.

4 Symbol Patterns: B, A, A, A, B, B.

5 Word Search: BRAIN, CLUE, LOGIC, PUZZLE, THINK, SMART, GAME, WORD.

6 Word Scramble: BRAIN, LOGIC, PUZZLE, SMART, CLUE, GAME, WORD, THINK.

7 What Comes Next: B, B, C, A, B, B.

8 Math Logic: 8; 5; 8; 26; 30.

9 4×4 Sudoku: 1 2 3 4 / 3 4 1 2 / 2 1 4 3 / 4 3 2 1.

10 6×6 Sudoku: complete using row and column constraints.

11 Which One Is Different: 1) 1,3,5,7 2) 5+5 3) cube 4) Monday 5) 42.

12 Secret Code: BRAIN, LOGIC, MATH, GAME, CLUE, PUZZLE.

13 Matching Logic: Ben–Reading; Chloe–Puzzles; Ava–Drawing; Diego–Chess.

14 Mini Mystery: Noor left the pasta lunchbox.

15 Route Challenge: Right, Right, Down, Right, Down, Right, Right, Down.

16 Riddles: Clock; piano/keyboard; towel; clock; sponge; joke.

17 Mixed: 31; 9; EPH; equal; 36.

18 Challenge Zone: 3; 15; 4; 0.05, 0.15, 0.5, 0.9; Friday.