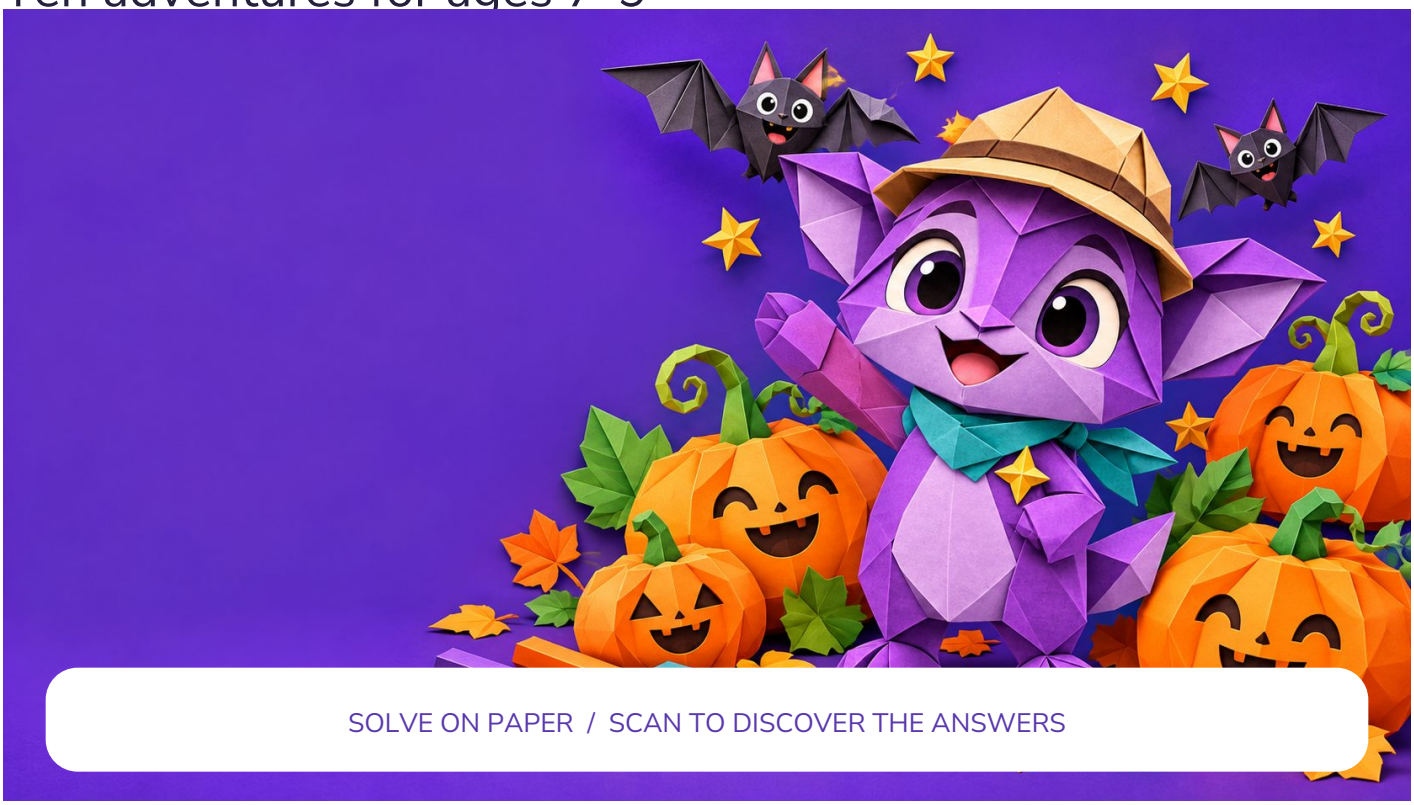
A little paper magic.

Ten adventures for ages 7-9



SOLVE ON PAPER / SCAN TO DISCOVER THE ANSWERS

01 The lantern word hunt

02 The pumpkin-patch path

03 Treats, tokens & totals

04 A secret lantern message

05 The lantern sudoku

06 Who wears which badge?

07 The magic mirror tiles

08 Program the pumpkin rover

09 The number spellbook

10 The Halloween clue club

Explorer name: _____

1. Print and solve the ten activity pages.
2. Mark each checkpoint on the final scan sheet.
3. Visit printablia.com/scan, photograph the sheet and reveal the answers.

No printed answer key. No signup needed to scan. Letter or A4: Fit.

01 VOCABULARY & FOCUS

The lantern word hunt

Find the words in the list. Read right or down.

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

BAT / MOON / MASK / CANDY / PUMPKIN / PARTY

CHECKPOINT 01 / Mark your answer on the scan sheet

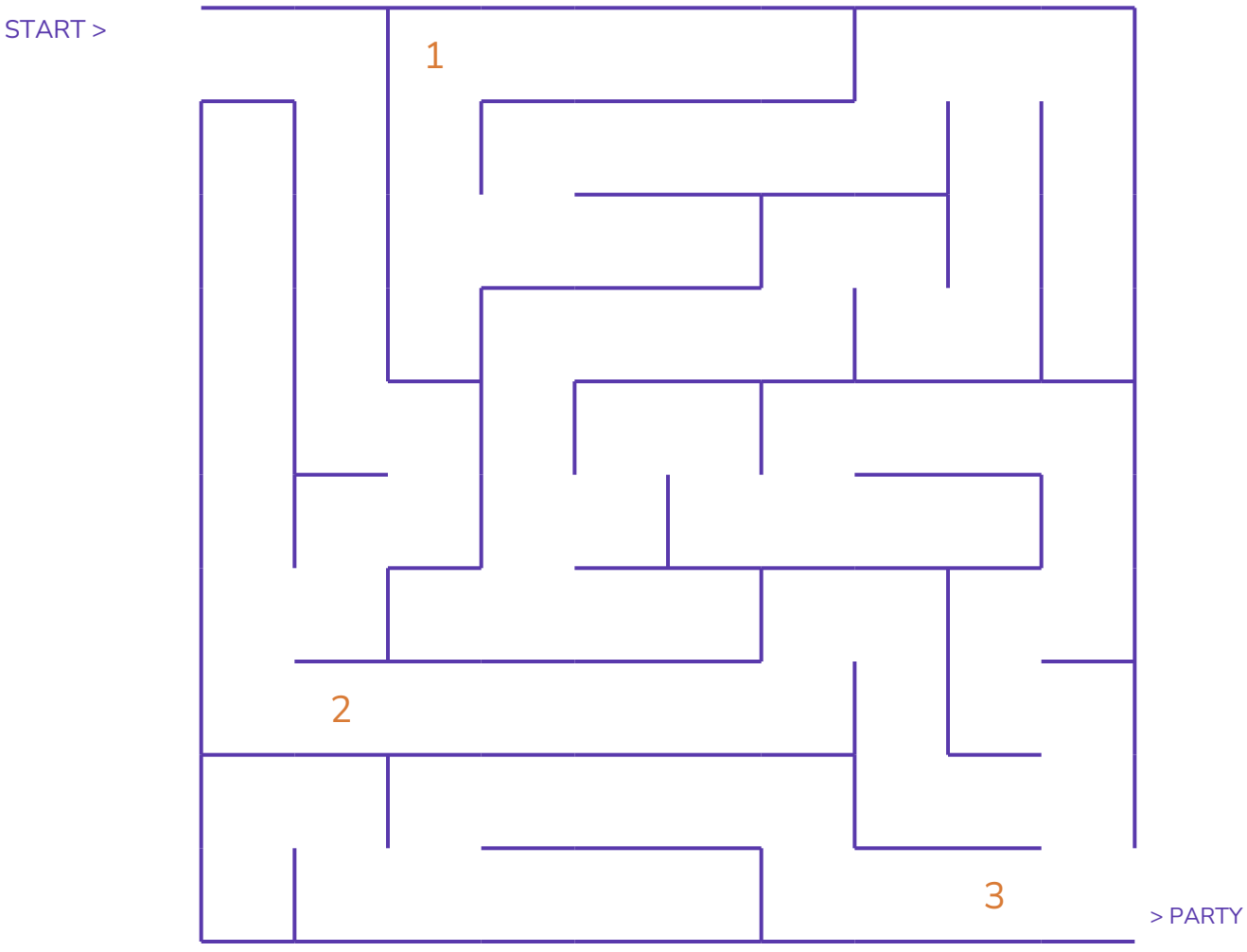
Which word in the list has seven letters?

(A) CANDY
(B) MOON
(C) PUMPKIN
(D) MASK

02 PLANNING & SPATIAL THINKING

The pumpkin-patch path

Trace the path from START to PARTY without crossing any walls. Notice the numbered stops.



CHECKPOINT 02 / Mark your answer on the scan sheet

Which numbered stop lies on the path to PARTY?

(A) 1
(B) 2
(C) 3
(D) None

03 NUMBER SENSE

Treats, tokens & totals

Solve all four puzzles. Draw, count or show your working in the space below.

01 4 rows of 6 pumpkins

Show your thinking: _____ = ____

02 35 treats - 12 treats

Show your thinking: _____ = ____

03 24 lanterns shared among 3 tables

Show your thinking: _____ = ____

04 3 masks at 7 tokens each

Show your thinking: _____ = ____

CHECKPOINT 03 / Mark your answer on the scan sheet

What is the answer to puzzle 1?

(A) 23 (B) 26

(C) 25 (D) 24

04 CODES & CAREFUL REASONING

A secret lantern message

Use the decoder to reveal the message.

YOUR DECODER

A=1	B=2	C=3	D=4	E=5	F=6	G=7	H=8	I=9	J=10	K=11	L=12	M=13
N=14	O=15	P=16	Q=17	R=18	S=19	T=20	U=21	V=22	W=23	X=24	Y=25	Z=26

6 - 15 - 12 - 12 - 15 - 23

_ _ _ _ _ _

20 - 8 - 5

_ _ _

13 - 15 - 15 - 14

_ _ _ _

CHECKPOINT 04 / Mark your answer on the scan sheet

What is the FIRST word of the secret message?

(A) MOON
(B) LIGHT
(C) FOLLOW
(D) PARTY

05 LOGIC & PERSISTENCE

The lantern sudoku

Use 1 to 4 once in every row, column and outlined 2 by 2 box. Fill the blanks.

		3	
3	4	1	2
	?	4	
4			3

CHECKPOINT 05 / Mark your answer on the scan sheet

Which number belongs in the gold square?

(A) 1
(B) 2
(C) 3
(D) 4

06 DEDUCTION & ELIMINATION

Who wears which badge?

Use the clues. Put a tick for a match and a cross for a badge a friend cannot have.

1. Each friend has a different badge.
2. Ava has the Moon badge.
3. Ben does not have the Bat badge.

	Moon	Star	Bat
Ava			
Ben			
Cleo			

CHECKPOINT 06 / Mark your answer on the scan sheet

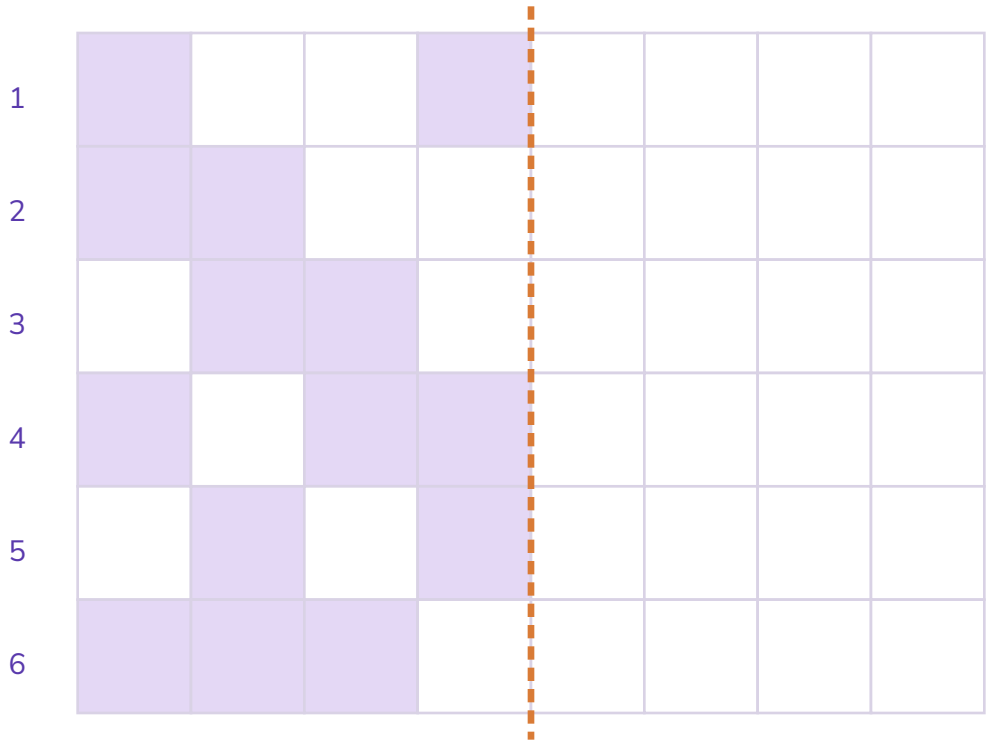
Which badge does Ben wear?

(A) Moon
(B) Star
(C) Bat
(D) Owl

07 SYMMETRY & DRAWING

The magic mirror tiles

Color the empty RIGHT half to mirror the LEFT half. Match squares at the same distance from the orange line.



Left side Your mirror side

CHECKPOINT 07 / Mark your answer on the scan sheet

When finished, how many colored squares are in row 4?

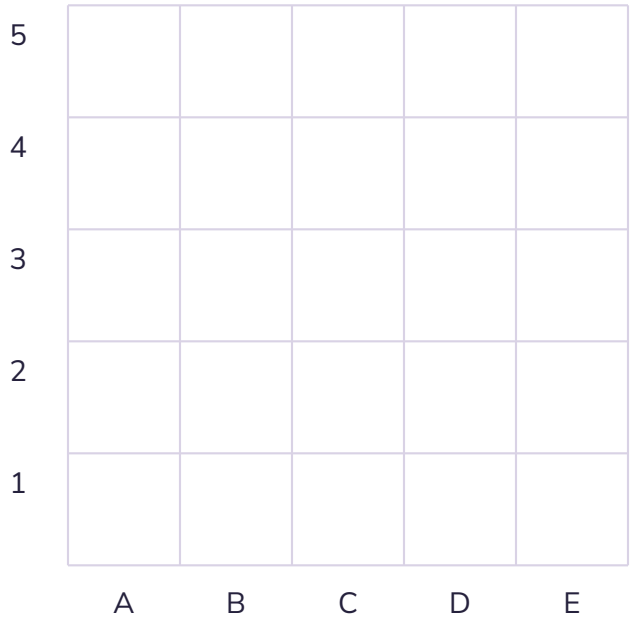
(A) 4
(B) 8
(C) 6
(D) 7

08 COORDINATES & CODING

Program the pumpkin rover

Draw the route one square at a time. Columns are letters; rows are numbers. Up means a larger row number.

Start at A1. Move right 3, up 2, left 1, then up 1.



CHECKPOINT 08 / Mark your answer on the scan sheet

Where does the rover finish?

(A) B4
(B) D3
(C) C4
(D) C5

09 SEQUENCES & REASONING

The number spellbook

Find the rule in each row. Write the next number. Say how the numbers change.

1	3	6	9	12	____
2	25	20	15	10	____
3	1	2	4	8	____

CHECKPOINT 09 / Mark your answer on the scan sheet

What number comes next in row 3?

(A) 16
(B) 17
(C) 18
(D) 20

10 READING & DEDUCTION

The Halloween clue club

Read the clues slowly. Underline the clue that helps you answer. A grown-up can read aloud.

Ava carried the lantern from the gate to the oak tree.

At the oak tree, she gave it to Ben.

Ben walked past the pond without stopping.

At the bridge, Ben gave the lantern to Cleo.

Cleo carried it to the party tent.

Sketch the route and label each hand-off.

CHECKPOINT 10 / Mark your answer on the scan sheet

Where did Cleo receive the lantern?

(A) At the gate

(B) At the oak tree

(C) At the pond

(D) At the bridge

PRINTABLIA

HALLOWEEN ANSWER SCAN

AGES 7-9 / H8B86169



Scan to unlock the answers!

01	A	B	C	D
02	A	B	C	D
03	A	B	C	D
04	A	B	C	D
05	A	B	C	D
06	A	B	C	D
07	A	B	C	D
08	A	B	C	D
09	A	B	C	D
10	A	B	C	D

1. Fill ONE circle per checkpoint with a dark pencil.
2. Photograph this whole sheet at printablia.com/scan.
3. Review the marks, confirm, then reveal the answers.

Keep the QR and all four black squares visible. No account needed.