



Learn a new puzzle

Number Mazes

Walk from START to END. Step only on squares that follow the rule: a multiple of a number, or a multiplication fact that is true ($7 \times 8 = 56$).

Trick: Check each square

1

START →	9	8	29	5	
	21	2	7	5	
	24	27	6	18	→ END

Start at 9. Next, only 21 is a multiple of 3.

2

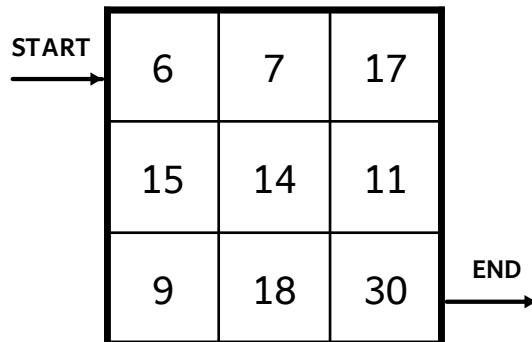
START →	9	8	29	5	
	21	2	7	5	
	24	27	6	18	→ END

Is 2 a multiple of 3? No: step around it. 24 is.

3

START →	9	8	29	5	
	21	2	7	5	
	24	27	6	18	→ END

Keep going. Only 27 is a multiple of 3.

Try it

The answer is with the other answers.

Talk about it: Ask: How did you know that square does not follow the rule?



1 Number Mazes Step only on multiples of 3.



START →	9	10	2	16	7	13	
	6	5	5	22	10	26	
	9	27	28	23	22	14	
	20	21	10	22	23	11	
	22	15	9	22	5	14	
	5	16	6	21	6	27	END →



② Number Mazes Step only on multiples of 3.



START →	21	31	29	26	22	11	
	24	27	13	5	28	23	
	20	21	12	2	31	31	
	28	25	21	18	7	8	
	29	11	22	21	6	16	
	26	22	29	13	27	30	END →

**3** **Number Mazes** Step only on multiples of 4.

START →	8	24	35	39	35	23	
	7	16	36	23	41	23	
	17	15	16	17	23	29	
	32	16	32	11	9	17	
	8	41	33	12	8	16	
	28	40	8	32	13	40	END →



4 Number Mazes Step only on multiples of 4.



START →	32	8	27	29	37	3	
	21	24	19	28	36	4	
	15	16	24	32	35	8	
	27	17	23	17	16	32	
	33	15	21	37	24	33	
	21	21	13	5	20	40	END →



5 Number Mazes Step only on multiples of 6.



START →	12	60	25	23	5	23	
	13	12	24	23	7	49	
	49	13	30	6	24	25	
	23	11	29	29	36	35	
	47	19	55	41	42	53	
	37	29	49	61	12	42	END →



6 Number Mazes Step only on multiples of 9.



START →	63	62	17	18	90	36	
	54	27	45	54	53	54	
	53	28	44	19	35	36	
	80	82	35	26	27	9	
	53	53	8	17	18	19	
	62	26	91	37	36	63	END →



7

Number Mazes Step only on multiples of 6.



START →	54	12	36	43	31	41	
	53	13	54	42	60	59	
	55	11	19	41	12	11	
	53	19	18	54	36	37	
	17	29	30	43	37	13	
	59	53	54	42	36	12	END →



8 **Number Mazes** Step only on facts that are true.



START →

$7 \times 7 = 49$	$5 \times 6 = 30$	$6 \times 7 = 42$	$5 \times 6 = 30$	$5 \times 6 = 25$
$7 \times 7 = 42$	$4 \times 2 = 4$	$6 \times 7 = 36$	$7 \times 3 = 21$	$7 \times 3 = 18$
$9 \times 3 = 36$	$35 \div 5 = 6$	$3 \times 4 = 13$	$6 \times 2 = 12$	$8 \times 3 = 32$
$8 \times 6 = 42$	$4 \times 6 = 23$	$8 \times 9 = 80$	$8 \times 9 = 72$	$63 \div 7 = 9$
$9 \times 3 = 36$	$4 \times 7 = 29$	$4 \times 6 = 23$	$6 \times 7 = 36$	$27 \div 3 = 9$

→ **END**

**9** **Number Mazes** Step only on facts that are true.

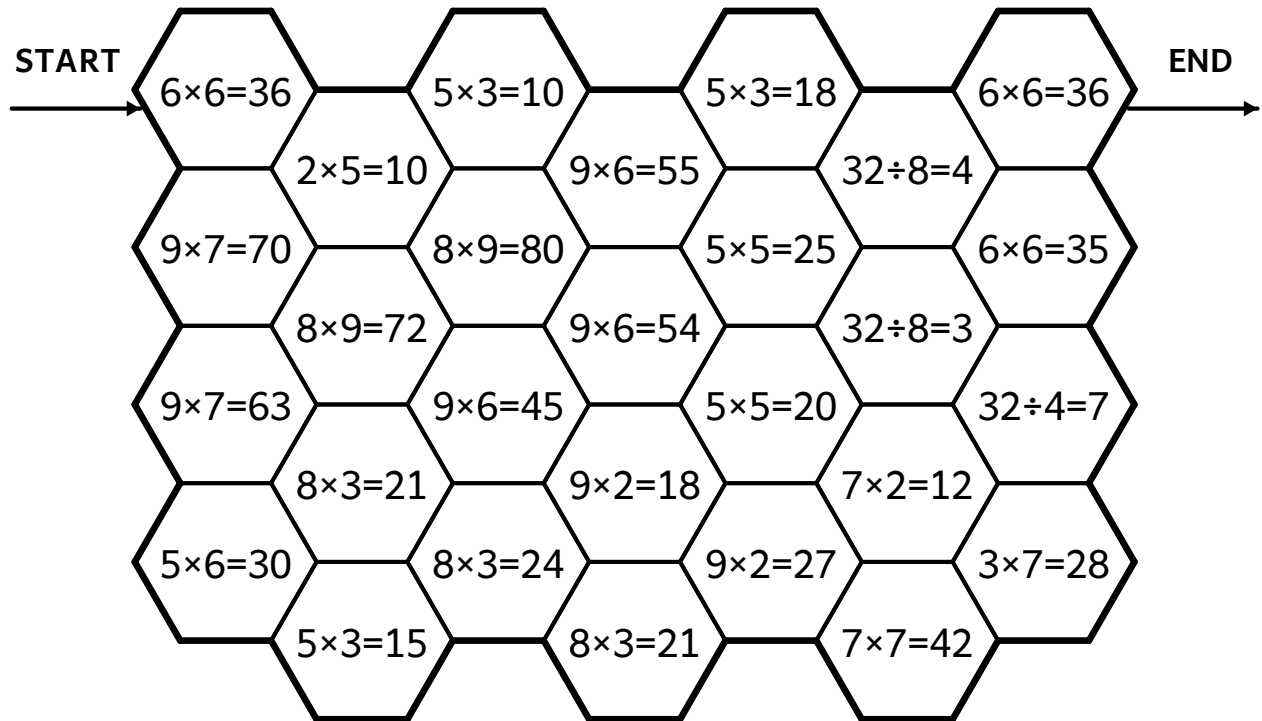
START →

$4 \times 4 = 16$	$4 \times 4 = 12$	$9 \times 4 = 32$	$7 \times 4 = 35$	$2 \times 4 = 6$
$2 \times 8 = 16$	$8 \times 5 = 32$	$6 \times 9 = 63$	$5 \times 6 = 36$	$4 \div 2 = 3$
$6 \times 5 = 30$	$7 \times 5 = 35$	$6 \times 9 = 54$	$5 \times 6 = 30$	$8 \times 9 = 71$
$6 \times 5 = 36$	$2 \times 7 = 12$	$6 \times 9 = 55$	$36 \div 6 = 6$	$8 \times 9 = 72$
$5 \times 9 = 40$	$2 \times 7 = 15$	$4 \times 7 = 32$	$36 \div 6 = 7$	$9 \times 7 = 63$

→ **END**



10 Number Mazes Step only on facts that are true.





Answers

 For grown-ups. Cut off or keep this page aside until the puzzles are done.

Learn · Number Mazes

START →

6 •	7	17
15 •	14	11
9 •	18 •	30 •

→ END

#1

START →

9 •	10	2	16	7	13
6 •	5	5	22	10	26
9 •	27 •	28	23	22	14
20	21 •	10	22	23	11
22	15 •	9 •	22	5	14
5	16	6 •	21 •	6 •	27 •

→ END

At 27, check the three squares next to you. Only 21 is a multiple of 3.

#2

START →

21 •	31	29	26	22	11
24 •	27 •	13	5	28	23
20	21 •	12 •	2	31	31
28	25	21 •	18 •	7	8
29	11	22	21 •	6 •	16
26	22	29	13	27 •	30 •

→ END

At 27, check the three squares next to you. Only 21 is a multiple of 3.

#3

START →

8 •	24 •	35	39	35	23
7	16 •	36 •	23	41	23
17	15	16 •	17	23	29
32 •	16 •	32 •	11	9	17
8 •	41	33	12 •	8 •	16 •
28 •	40 •	8 •	32 •	13	40 •

→ END

At 16, check the three squares next to you. Only 36 is a multiple of 4.

#4

START →

32 •	8 •	27	29	37	3
21	24 •	19	28 •	36 •	4 •
15	16 •	24 •	32 •	35	8 •
27	17	23	17	16 •	32 •
33	15	21	37	24 •	33
21	21	13	5	20 •	40 •

→ END

At 24, check the three squares next to you. Only 16 is a multiple of 4.

#5

START →

12 •	60 •	25	23	5	23
13	12 •	24 •	23	7	49
49	13	30 •	6 •	24 •	25
23	11	29	29	36 •	35
47	19	55	41	42 •	53
37	29	49	61	12 •	42 •

→ END

At 12, check the three squares next to you. Only 24 is a multiple of 6.

#6

START →

63 •	62	17	18 •	90 •	36 •
54 •	27 •	45 •	54 •	53	54 •
53	28	44	19	35	36 •
80	82	35	26	27 •	9 •
53	53	8	17	18 •	19
62	26	91	37	36 •	63 •

→ END

At 27, check the three squares next to you. Only 45 is a multiple of 9.

#7

START →

54 •	12 •	36 •	43	31	41
53	13	54 •	42 •	60 •	59
55	11	19	41	12 •	11
53	19	18 •	54 •	36 •	37
17	29	30 •	43	37	13
59	53	54 •	42 •	36 •	12 •

→ END

At 54, check the three squares next to you. Only 42 is a multiple of 6.

#8

START →

7 × 7 = 49 •	5 × 6 = 30 •	6 × 7 = 42 •	5 × 6 = 30 •	5 × 6 = 25 •
7 × 7 = 42 •	4 × 2 = 4 •	6 × 7 = 36 •	7 × 3 = 21 •	7 × 3 = 18 •
9 × 3 = 36 •	35 ÷ 5 = 6 •	3 × 4 = 13 •	6 × 2 = 12 •	8 × 3 = 32 •
8 × 6 = 42 •	4 × 6 = 23 •	8 × 9 = 80 •	8 × 9 = 72 •	63 ÷ 7 = 9 •
9 × 3 = 36 •	4 × 7 = 29 •	4 × 6 = 23 •	6 × 7 = 36 •	27 ÷ 3 = 9 •

→ END

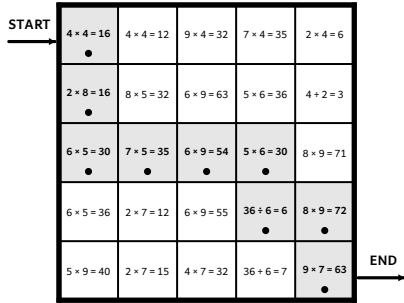
At $7 \times 3 = 21$, check the three squares next to you. Only $6 \times 2 = 12$ is true.



Answers

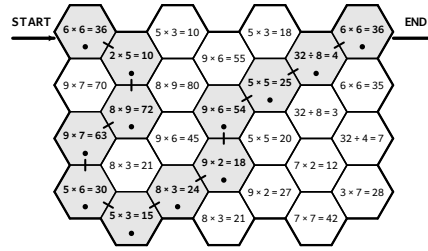
For grown-ups. Cut off or keep this page aside until the puzzles are done.

#9



At $7 \times 5 = 35$, check the three squares next to you. Only $6 \times 9 = 54$ is true.

#10



At $8 \times 9 = 72$, check the five squares next to you. Only $9 \times 7 = 63$ is true.