

Teacher overview

15 puzzles, each with a teacher page and 2 student pages.

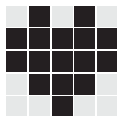
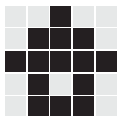
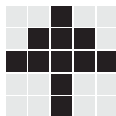
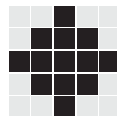
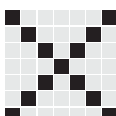
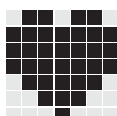
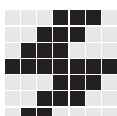
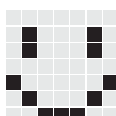
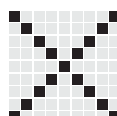
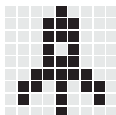
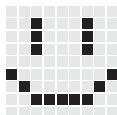
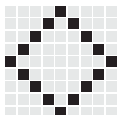
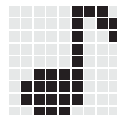
Pairs recommended: one set of student pages per pair.

Stretch
this pack

Times tables 2–12, scrambled. Two row and two column headings blank; about half of answers blank.

Also in the zip: Starter (5 × 5 grids, times tables 2–5, 10 and 11) and Core (times tables 2–10).

The puzzles

 Puzzle B4 5 × 5 Multiplication sign Teacher: P2 Students: P3 & P4	 Puzzle Y2 5 × 5 Heart Teacher: P5 Students: P6 & P7	 Puzzle P2 5 × 5 House Teacher: P8 Students: P9 & P10	 Puzzle U9 5 × 5 Arrow Teacher: P11 Students: P12 & P13	 Puzzle M6 5 × 5 Diamond Teacher: P14 Students: P15 & P16
 Puzzle G2 7 × 7 Multiplication sign Teacher: P17 Students: P18 & P19	 Puzzle B5 7 × 7 Heart Teacher: P20 Students: P21 & P22	 Puzzle E7 7 × 7 Lightning bolt Teacher: P23 Students: P24 & P25	 Puzzle R3 7 × 7 Smiley face Teacher: P26 Students: P27 & P28	 Puzzle Z8 9 × 9 Multiplication sign Teacher: P29 Students: P30 & P31
 Puzzle V8 9 × 9 Rocket Teacher: P32 Students: P33 & P34	 Puzzle C9 9 × 9 Smiley face Teacher: P35 Students: P36 & P37	 Puzzle R2 9 × 9 Diamond Teacher: P38 Students: P39 & P40	 Puzzle M8 9 × 9 Christmas tree Teacher: P41 Students: P42 & P43	 Puzzle L8 9 × 9 Musical note Teacher: P44 Students: P45 & P46

To print only the student pages, paste this into your printer's page range:

3, 4, 6, 7, 9, 10, 12, 13, 15, 16, 18, 19, 21, 22, 24, 25, 27, 28, 30, 31, 33, 34, 36, 37, 39, 40, 42, 43, 45, 46

Teacher instructions

Print pages 3 and 4 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

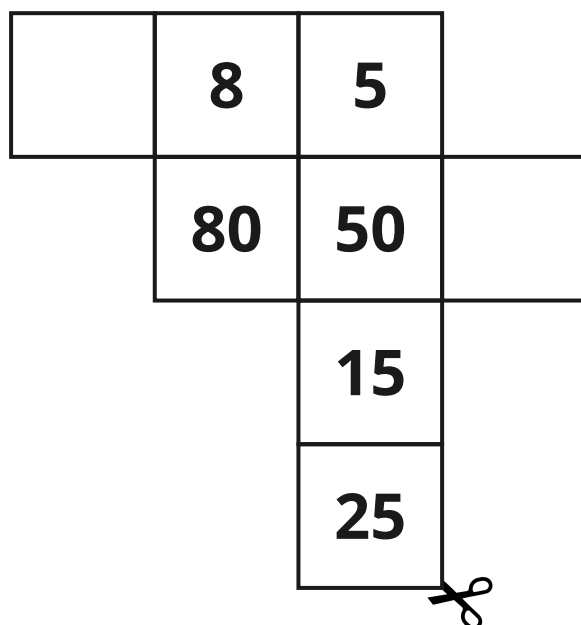
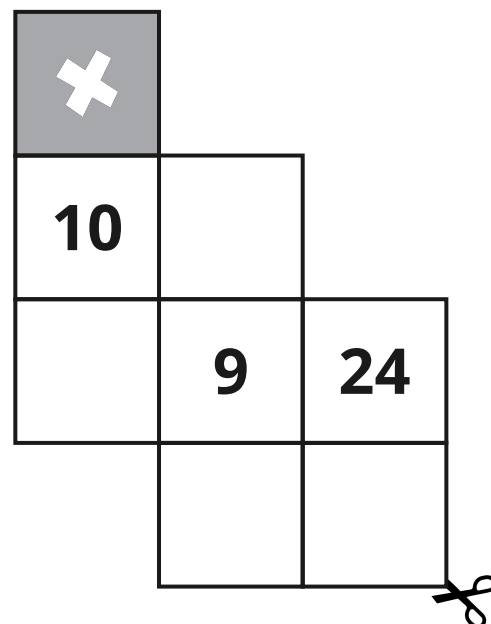
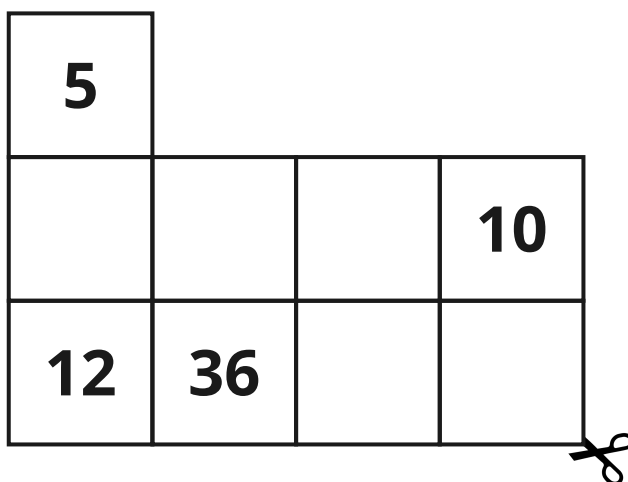
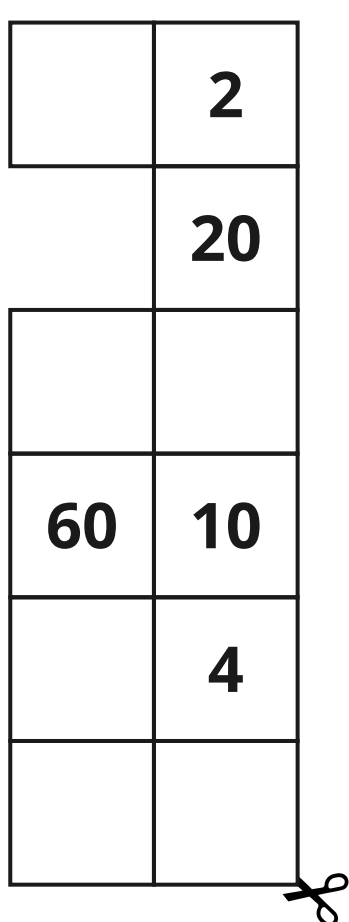
+	3	8	5	12	2
10	30	80	50	120	20
3	9	24	15	36	6
5	15	40	25	60	10
2	6	16	10	24	4
12	36	96	60	144	24

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

✖	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10



Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.

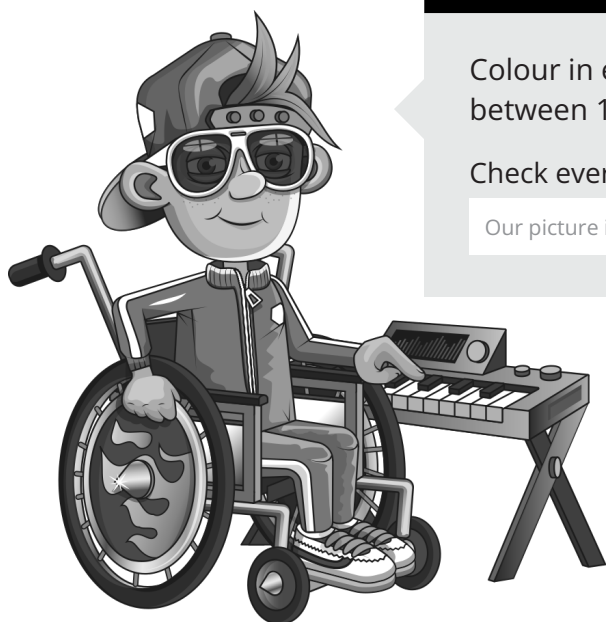
×					

HIDDEN SHAPE

Colour in every square whose answer is between 16 and 36 (including 16 and 36).

Check every square: the same answer can appear more than once!

Our picture is:



Teacher instructions

Print pages 6 and 7 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

+	2	5	4	8	3
2	4	10	8	16	6
8	16	40	32	64	24
5	10	25	20	40	15
4	8	20	16	32	12
6	12	30	24	48	18

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

+	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10

	10				
	8	20		32	
6	12		24	48	18

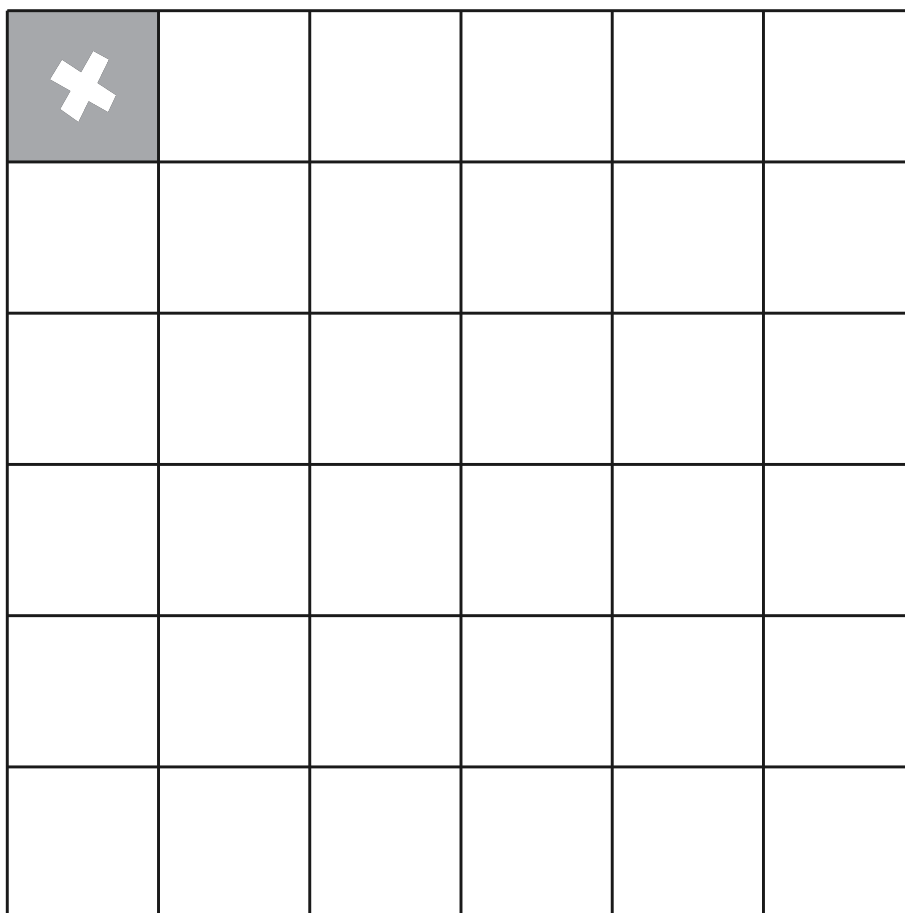
	8	
64		

2	5		+
	10	8	2
			8
			16

Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.



HIDDEN SHAPE

Colour in every square whose answer is one of these numbers:
Suggested colour: red

10

15

16

20

24

25

32

40

64

Check every square: the same answer can appear more than once!

Our picture is:



Teacher instructions

Print pages 9 and 10 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

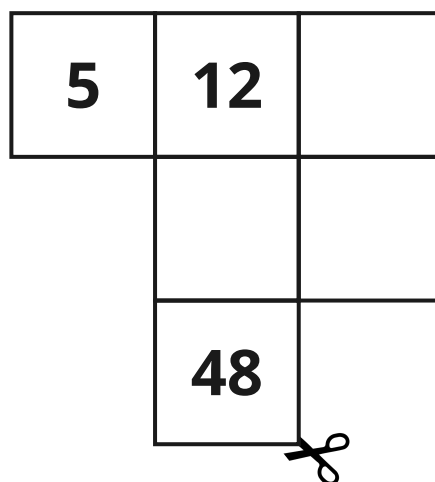
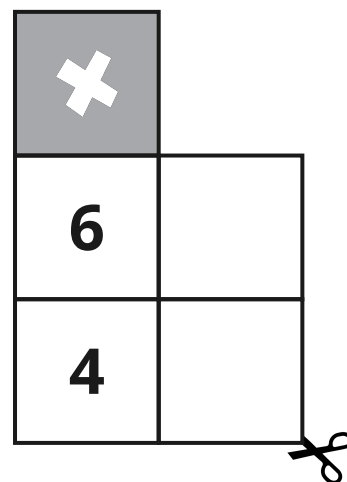
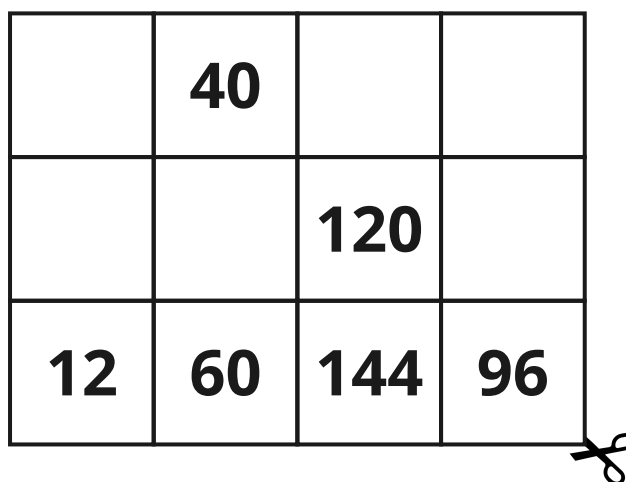
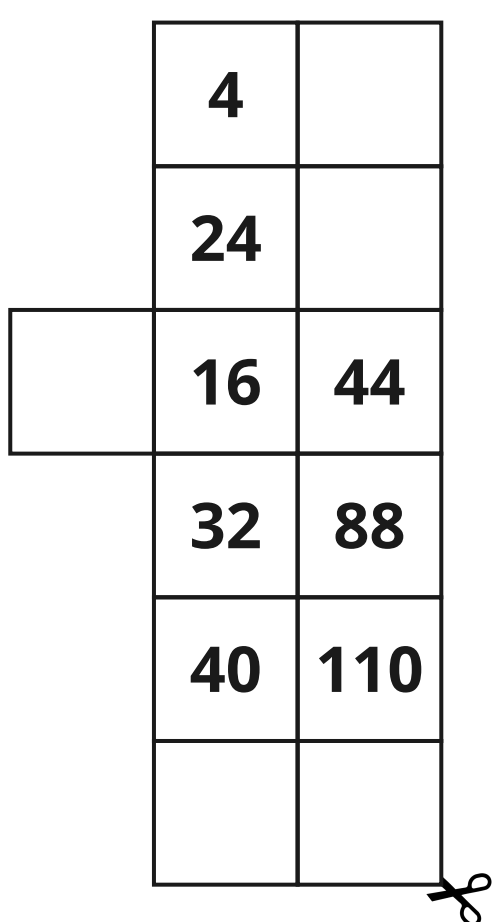
	5	12	8	4	11
6	30	72	48	24	66
4	20	48	32	16	44
8	40	96	64	32	88
10	50	120	80	40	110
12	60	144	96	48	132

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

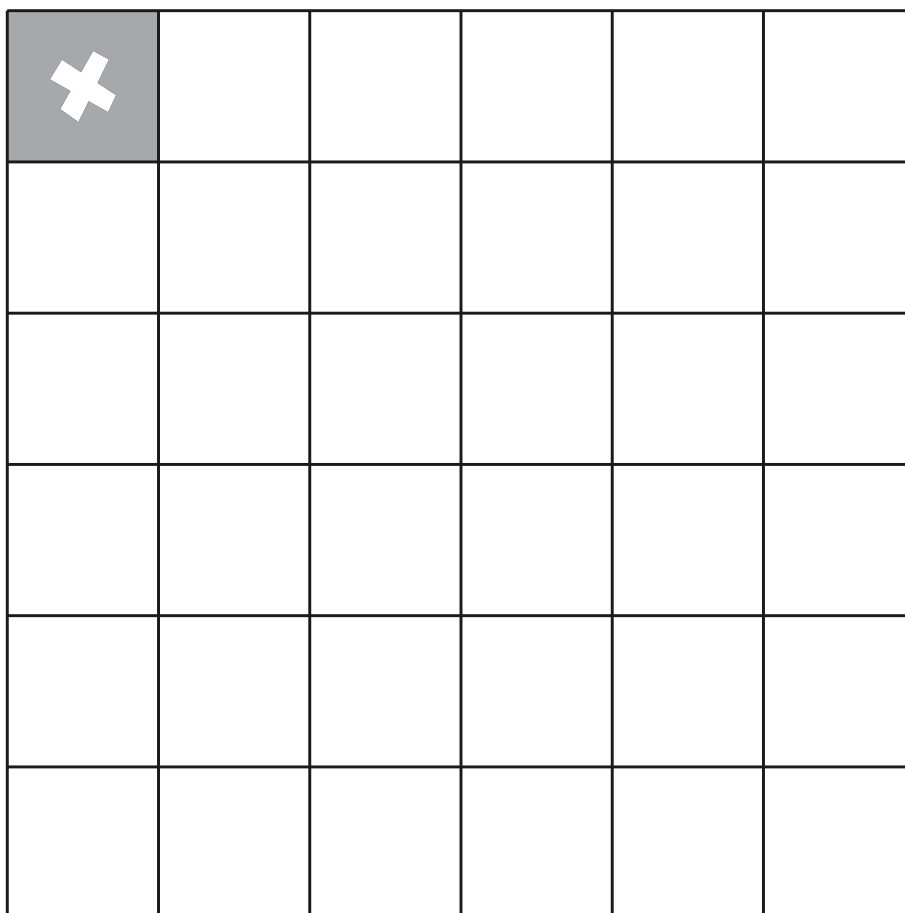
+	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10



Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.



HIDDEN SHAPE

Colour in every square whose answer is one of these numbers:

16

32

40

48

64

88

96

120

144

Check every square: the same answer can appear more than once!

Our picture is:

Teacher instructions

Print pages 12 and 13 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

+	11	10	4	2	9
9	99	90	36	18	81
6	66	60	24	12	54
12	132	120	48	24	108
3	33	30	12	6	27
7	77	70	28	14	63

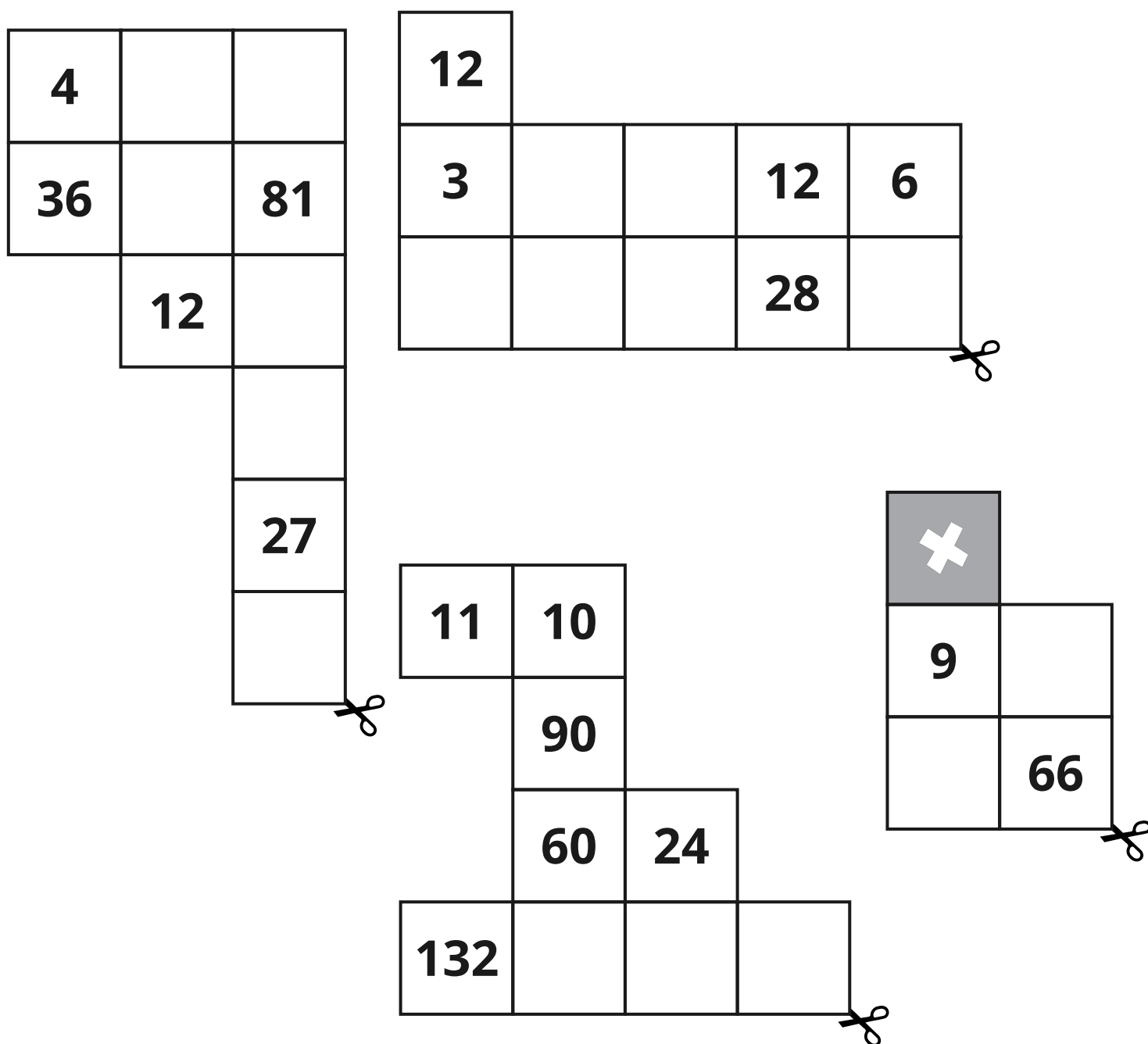


Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

+	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10



Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.

×					



HIDDEN SHAPE

Colour in every square whose answer is a multiple of 4.

Check every square: the same answer can appear more than once!

Our picture is:

Teacher instructions

Print pages 15 and 16 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

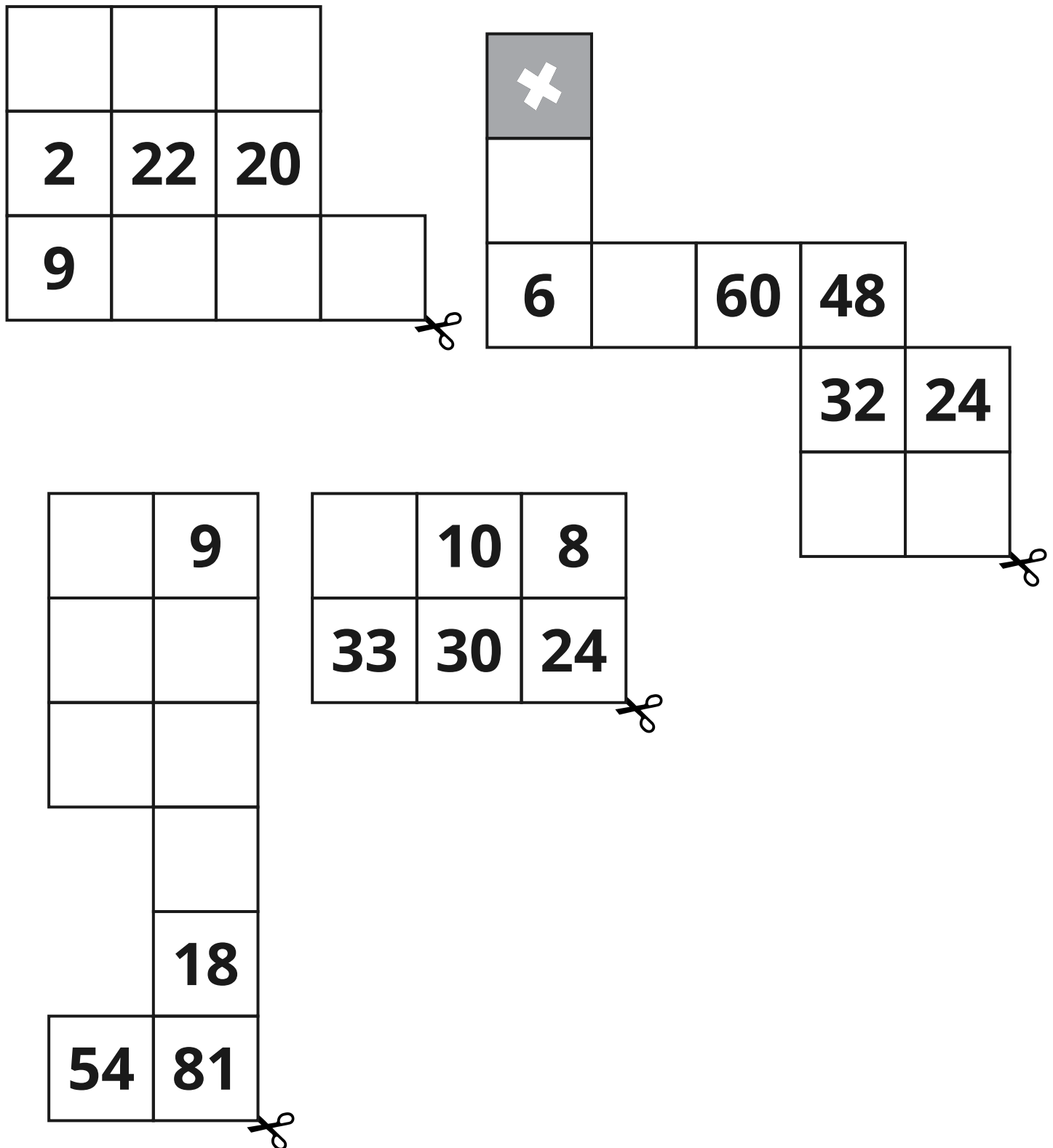
	11	10	8	6	9
3	33	30	24	18	27
6	66	60	48	36	54
4	44	40	32	24	36
2	22	20	16	12	18
9	99	90	72	54	81

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

+	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10



Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.

×					



HIDDEN SHAPE

Colour in every square whose answer is a multiple of 4.

Check every square: the same answer can appear more than once!

Our picture is:

Teacher instructions

Print pages 18 and 19 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

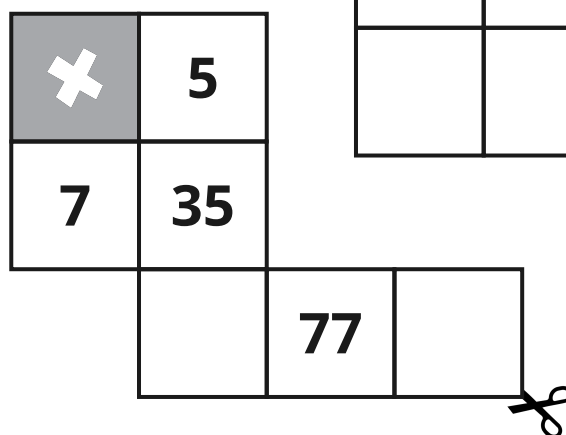
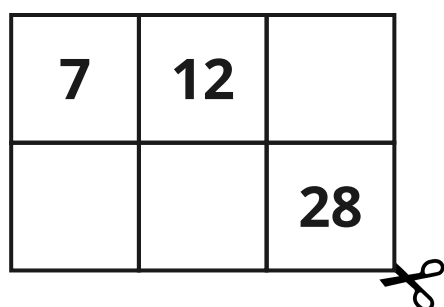
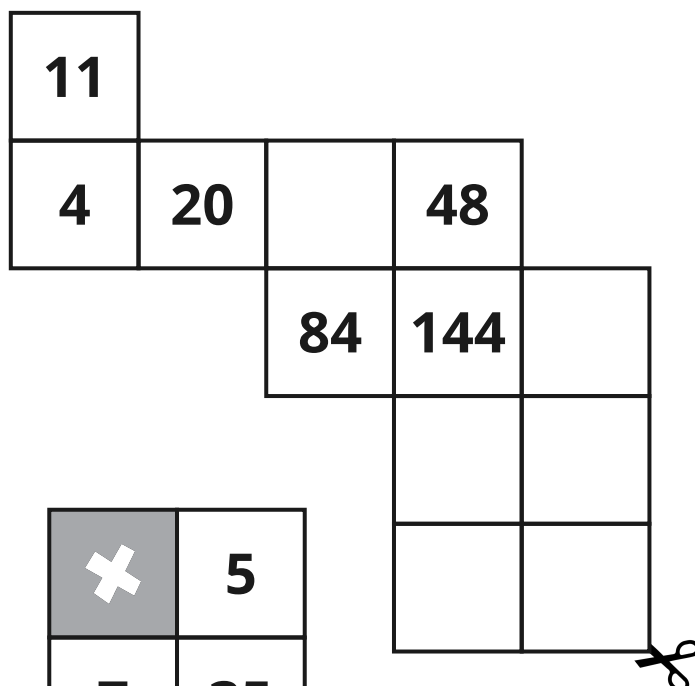
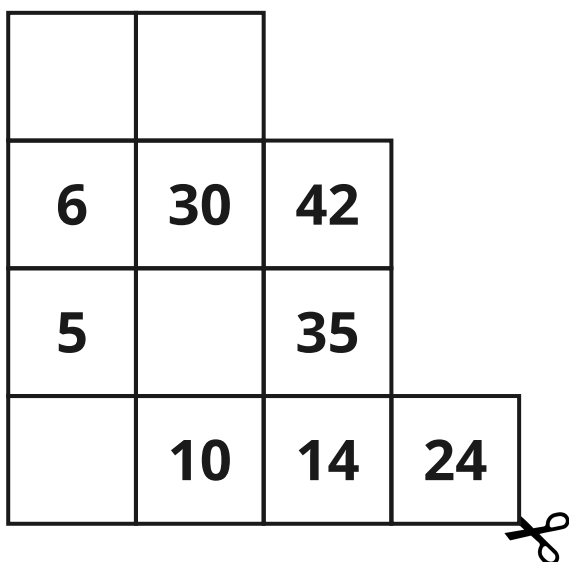
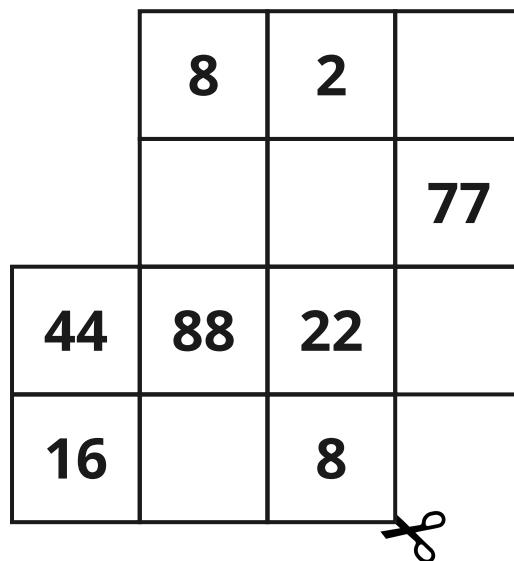
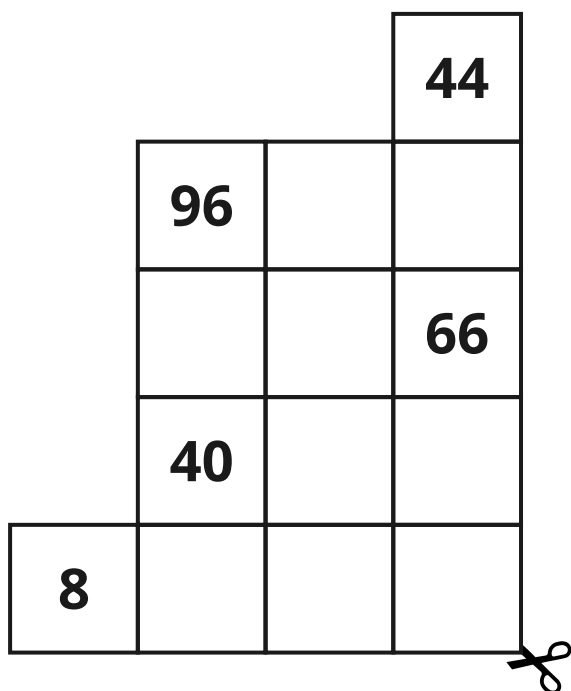
	5	7	12	4	8	2	11
7	35	49	84	28	56	14	77
11	55	77	132	44	88	22	121
4	20	28	48	16	32	8	44
12	60	84	144	48	96	24	132
6	30	42	72	24	48	12	66
5	25	35	60	20	40	10	55
2	10	14	24	8	16	4	22

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

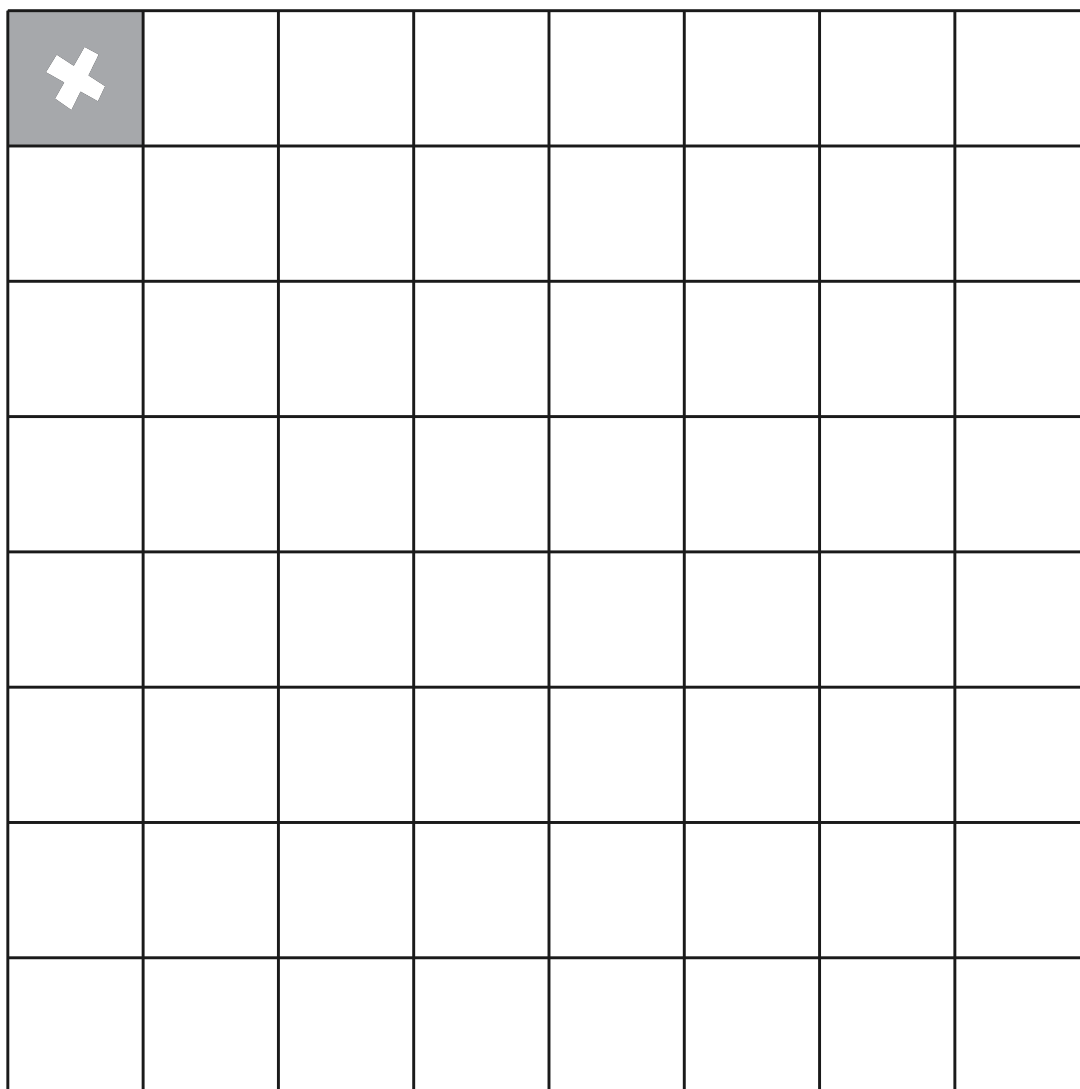
✖	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10



Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.



HIDDEN SHAPE

Colour in every square whose answer is one of these numbers:

10

22

32

35

48

72

77

Check every square: the same answer can appear more than once!

Our picture is:

Teacher instructions

Print pages 21 and 22 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

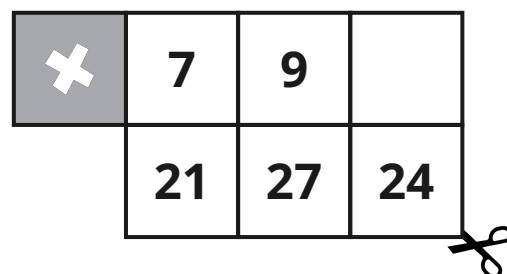
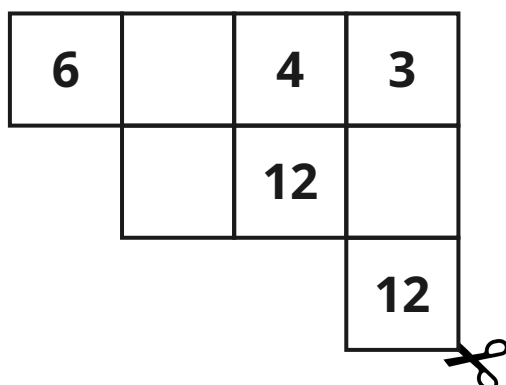
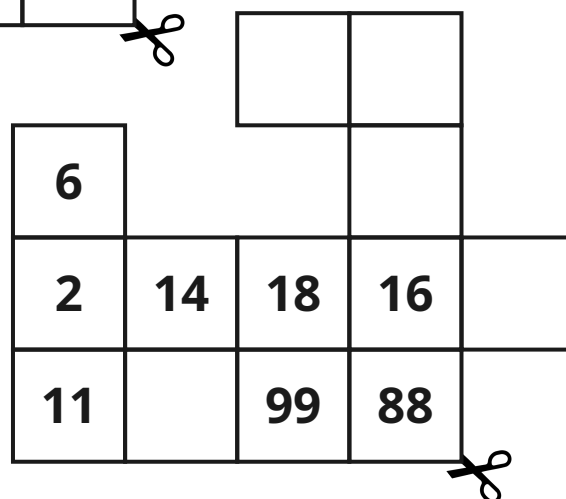
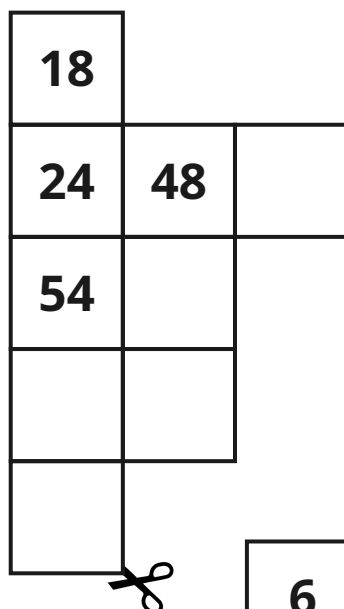
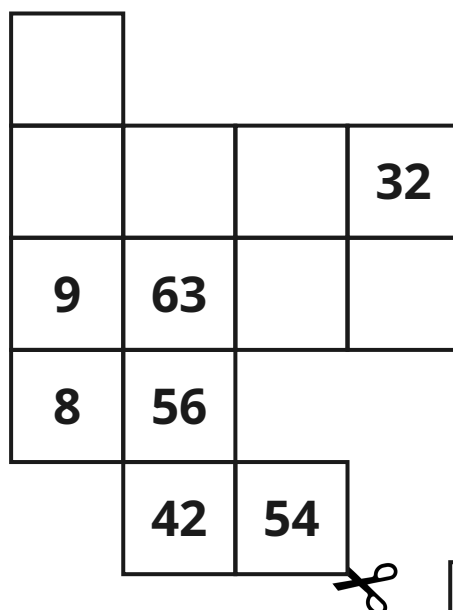
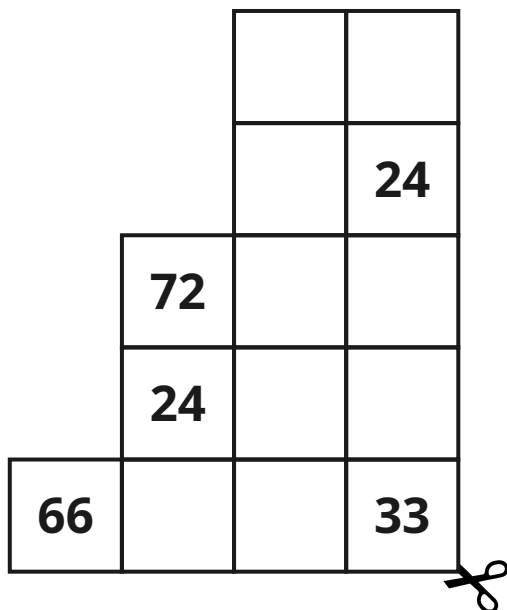
	7	9	8	6	12	4	3
3	21	27	24	18	36	12	9
4	28	36	32	24	48	16	12
9	63	81	72	54	108	36	27
8	56	72	64	48	96	32	24
6	42	54	48	36	72	24	18
2	14	18	16	12	24	8	6
11	77	99	88	66	132	44	33

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

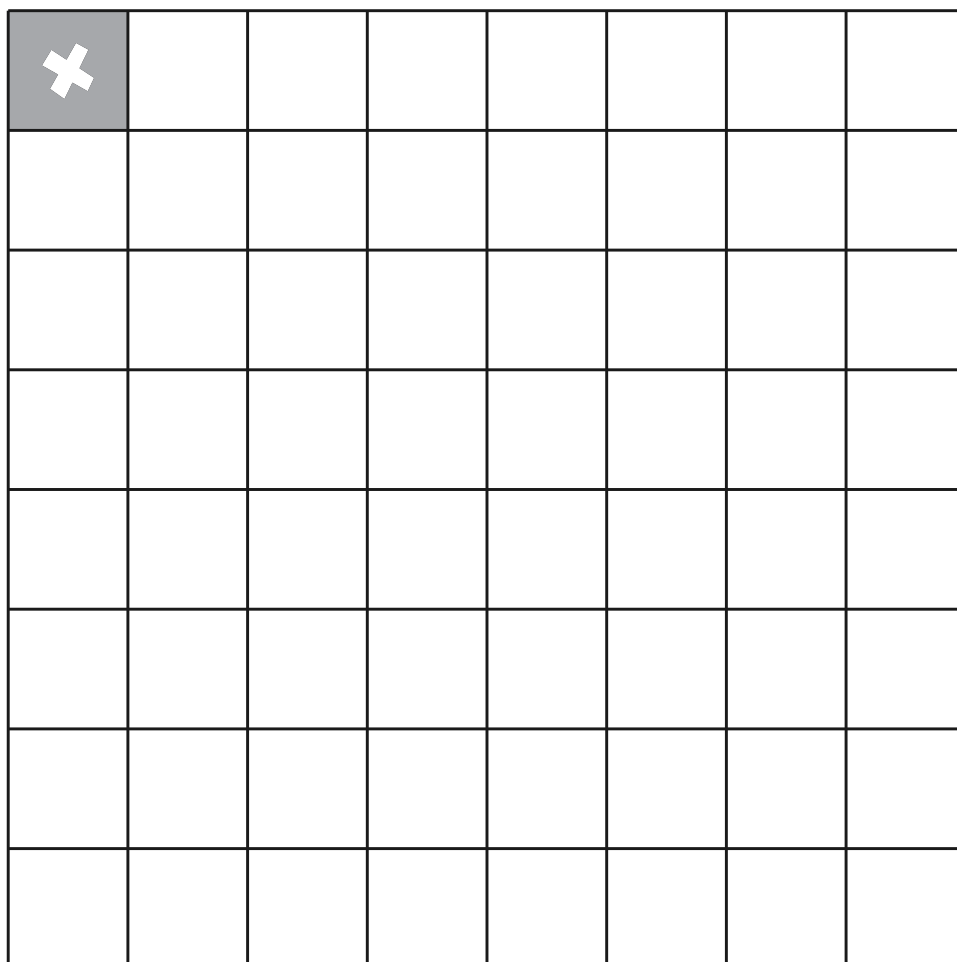
✖	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10



Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.



HIDDEN SHAPE

Colour in every square whose answer is one of these numbers:

Suggested colour: red

12	16	24	27	28	32	36	48	54
56	63	64	66	72	81	96	108	

Check every square: the same answer can appear more than once!

Our picture is:



Teacher instructions

Print pages 24 and 25 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

	10	12	7	9	6	4	11
12	120	144	84	108	72	48	132
7	70	84	49	63	42	28	77
9	90	108	63	81	54	36	99
8	80	96	56	72	48	32	88
3	30	36	21	27	18	12	33
2	20	24	14	18	12	8	22
6	60	72	42	54	36	24	66

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

+	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10

3			
2		24	14
		72	42

	54		
72			
27			
18	12		

	120	
7		84
9		108
8	80	

42	28	77
	36	
		88
12		
8		

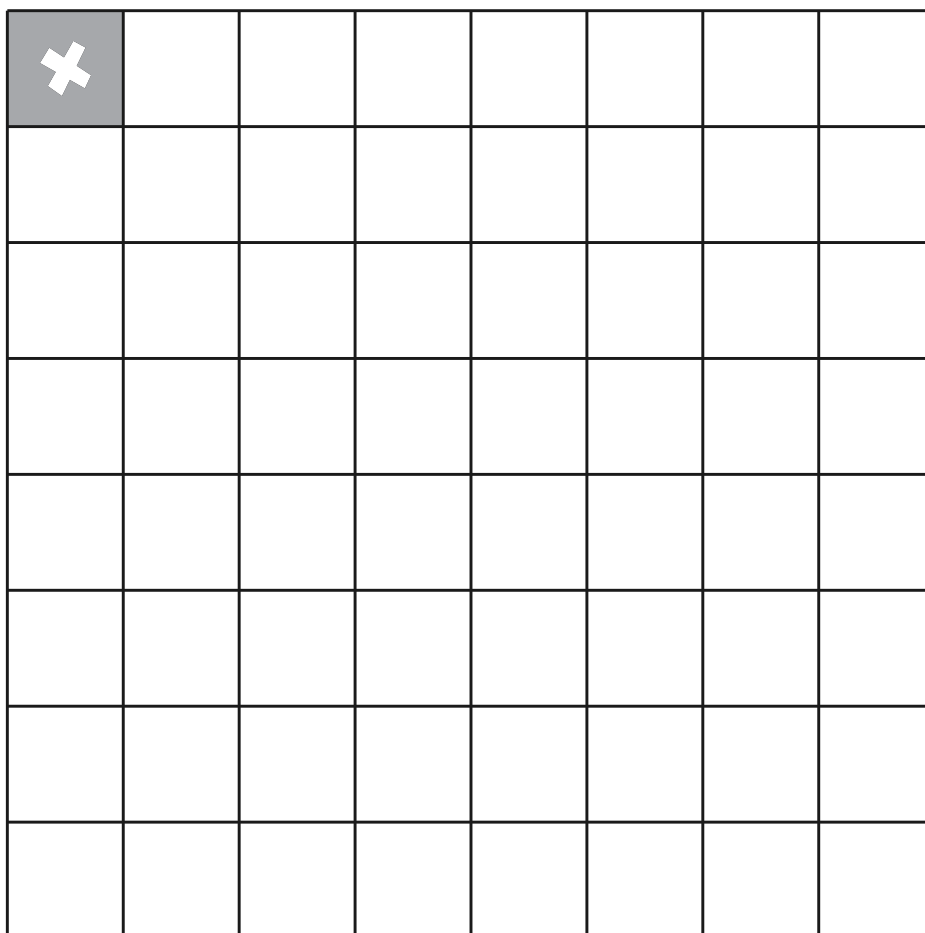
	6	4	11
		48	
63			

+		12	7
		63	
96			

Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.



HIDDEN SHAPE

Colour in every square whose answer is one of these numbers:

Suggested colour: yellow

12	14	18	27	32	42	48	49
56	63	72	80	81	88	96	108

Check every square: the same answer can appear more than once!

Our picture is:



Teacher instructions

Print pages 27 and 28 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

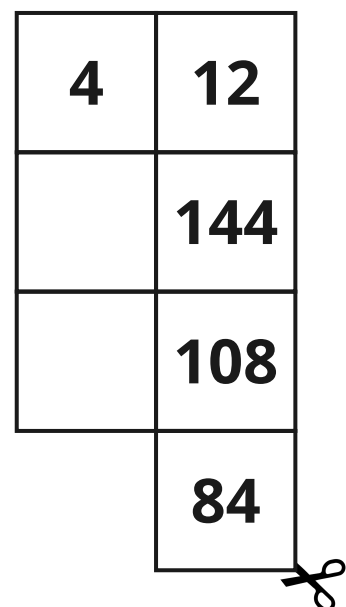
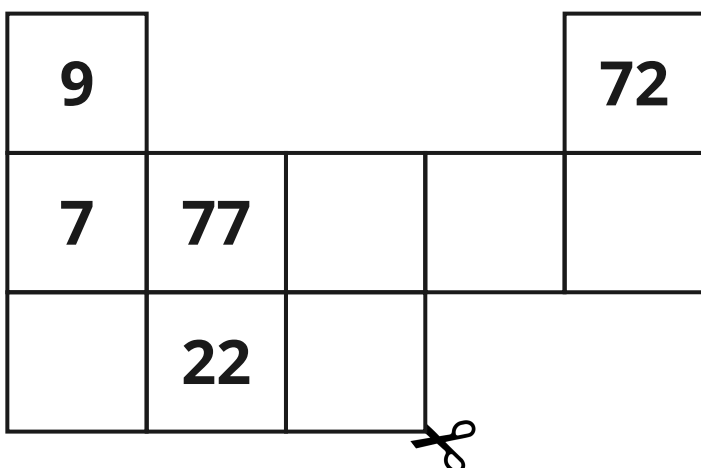
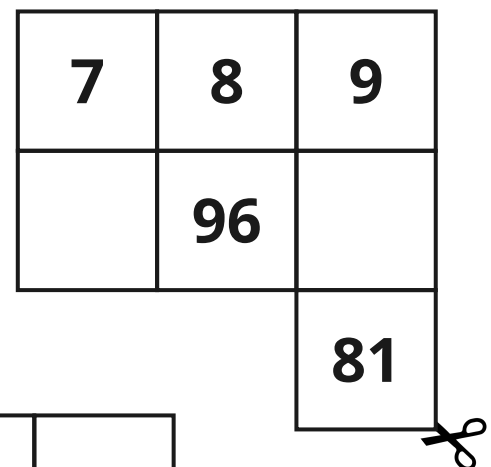
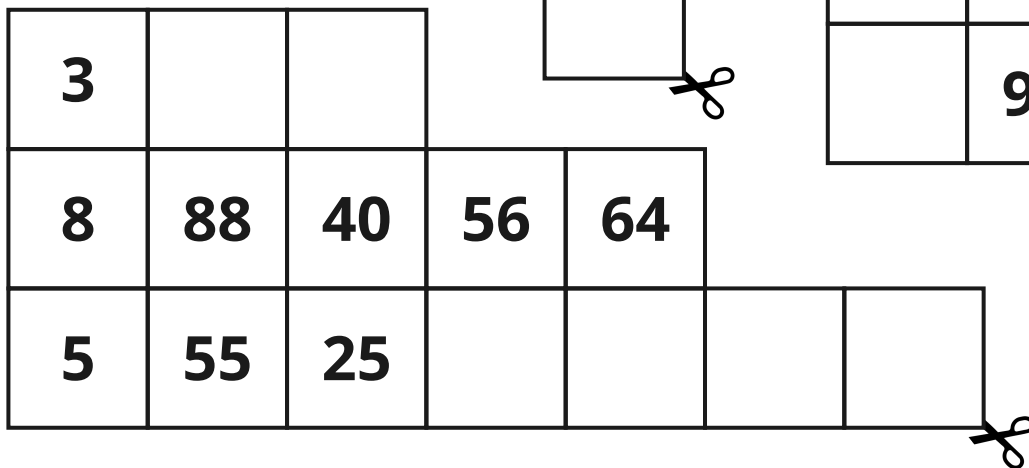
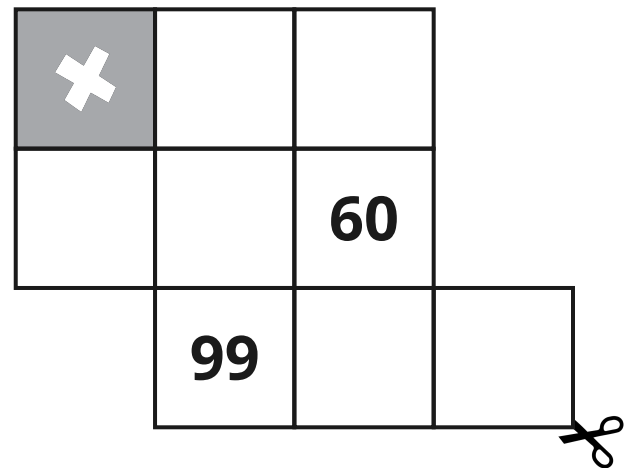
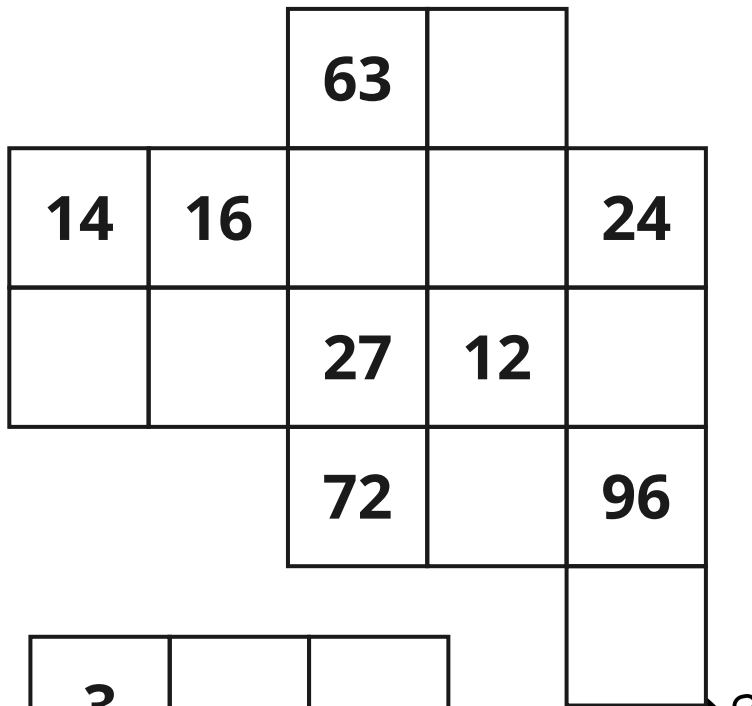
	11	5	7	8	9	4	12
12	132	60	84	96	108	48	144
9	99	45	63	72	81	36	108
7	77	35	49	56	63	28	84
2	22	10	14	16	18	8	24
3	33	15	21	24	27	12	36
8	88	40	56	64	72	32	96
5	55	25	35	40	45	20	60

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

✖	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10



Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.

×							

HIDDEN SHAPE

Colour in every square whose answer is between 28 and 45 (including 28 and 45).

Check every square: the same answer can appear more than once!

Our picture is:



Teacher instructions

Print pages 30 and 31 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

	4	5	12	10	2	6	11	3	9
4	16	20	48	40	8	24	44	12	36
12	48	60	144	120	24	72	132	36	108
5	20	25	60	50	10	30	55	15	45
6	24	30	72	60	12	36	66	18	54
8	32	40	96	80	16	48	88	24	72
10	40	50	120	100	20	60	110	30	90
3	12	15	36	30	6	18	33	9	27
11	44	55	132	110	22	66	121	33	99
9	36	45	108	90	18	54	99	27	81

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

✖	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10

16	48			
	60	110		90
6		33		
22				

8				
24		132		
10	30		15	45

✖	4	5
4	16	
	48	60

3			
11			132
9			

			66	121	33	
108	90	18				81

12		
5	20	25
6	24	
	32	40

	10
	144
	60
	120

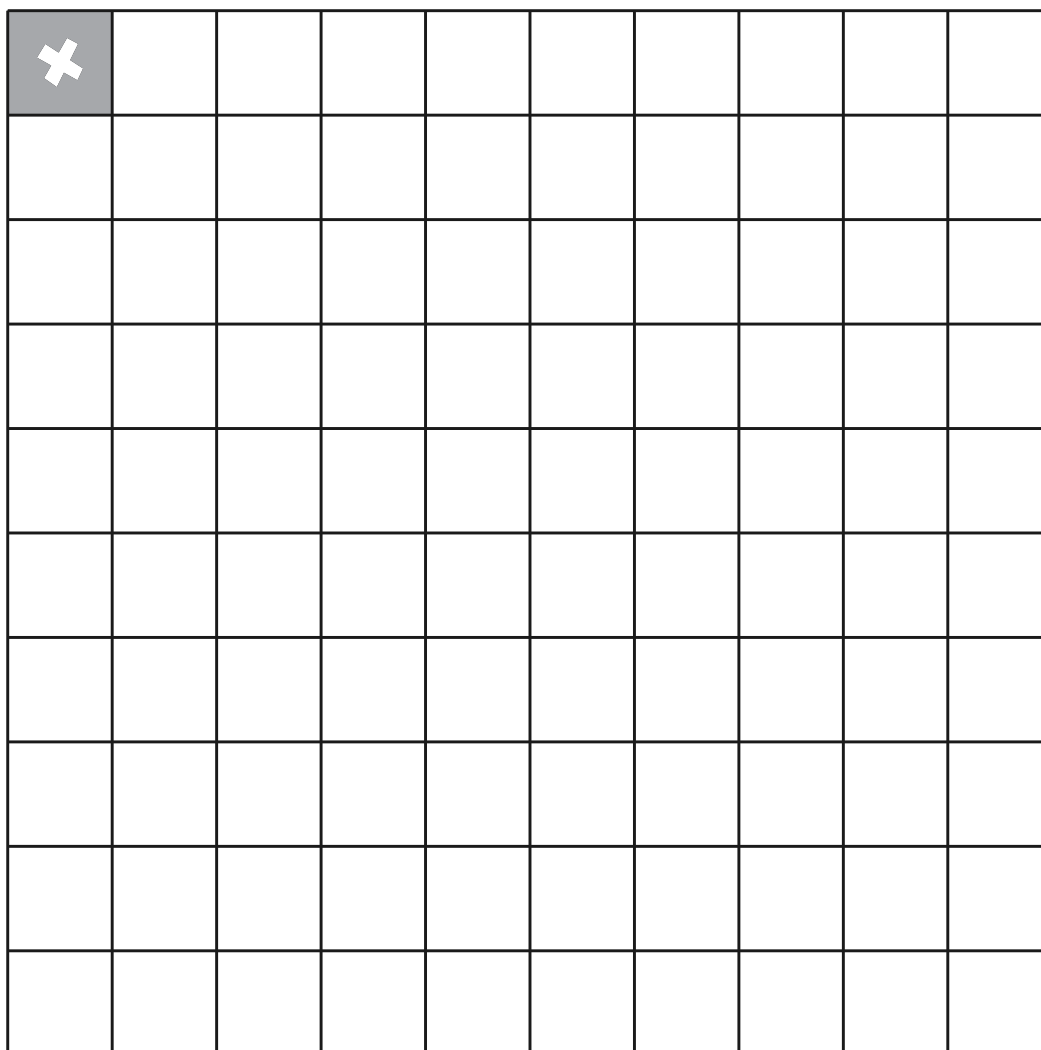
40	
120	
60	
80	
110	

2	6		3	9
			12	

Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.



HIDDEN SHAPE

Colour in every square whose answer is one of these numbers:

16

33

36

55

60

81

100

Check every square: the same answer can appear more than once!

Our picture is:



Teacher instructions

Print pages 33 and 34 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

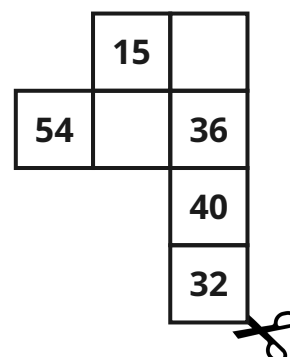
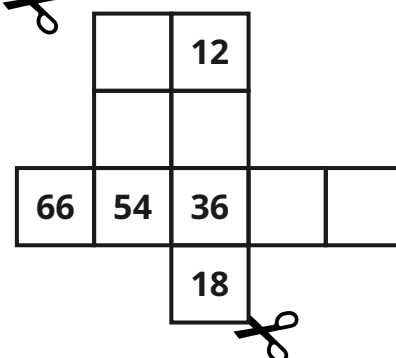
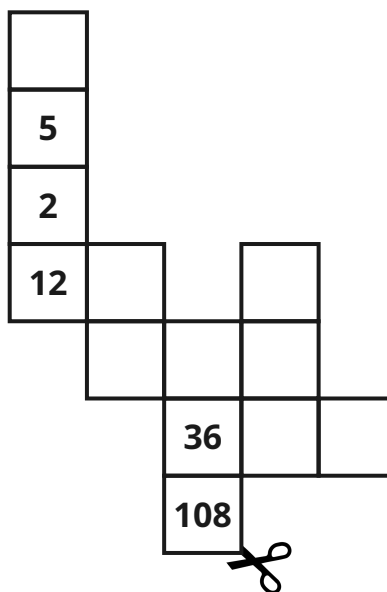
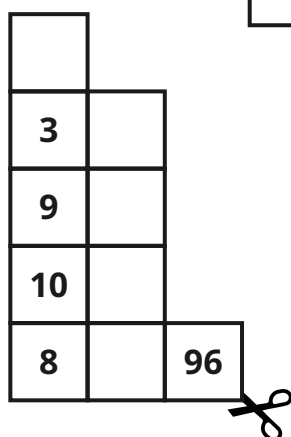
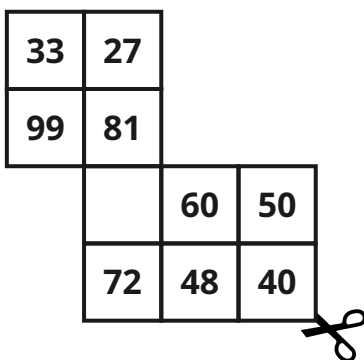
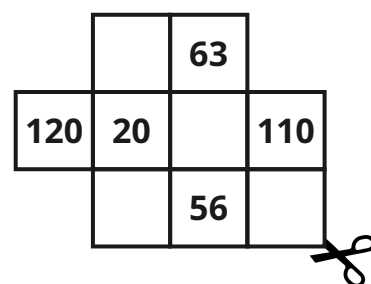
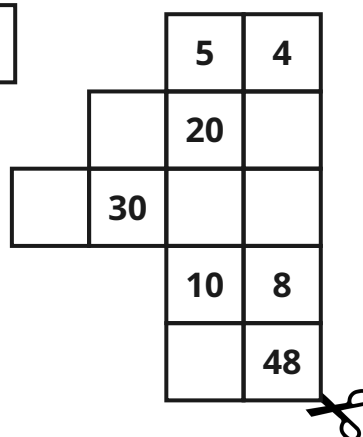
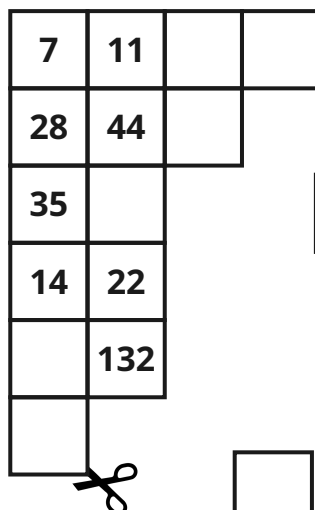
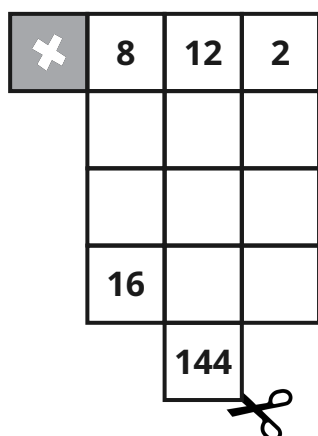
	8	12	2	7	11	9	6	5	4
4	32	48	8	28	44	36	24	20	16
5	40	60	10	35	55	45	30	25	20
2	16	24	4	14	22	18	12	10	8
12	96	144	24	84	132	108	72	60	48
6	48	72	12	42	66	54	36	30	24
3	24	36	6	21	33	27	18	15	12
9	72	108	18	63	99	81	54	45	36
10	80	120	20	70	110	90	60	50	40
8	64	96	16	56	88	72	48	40	32

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

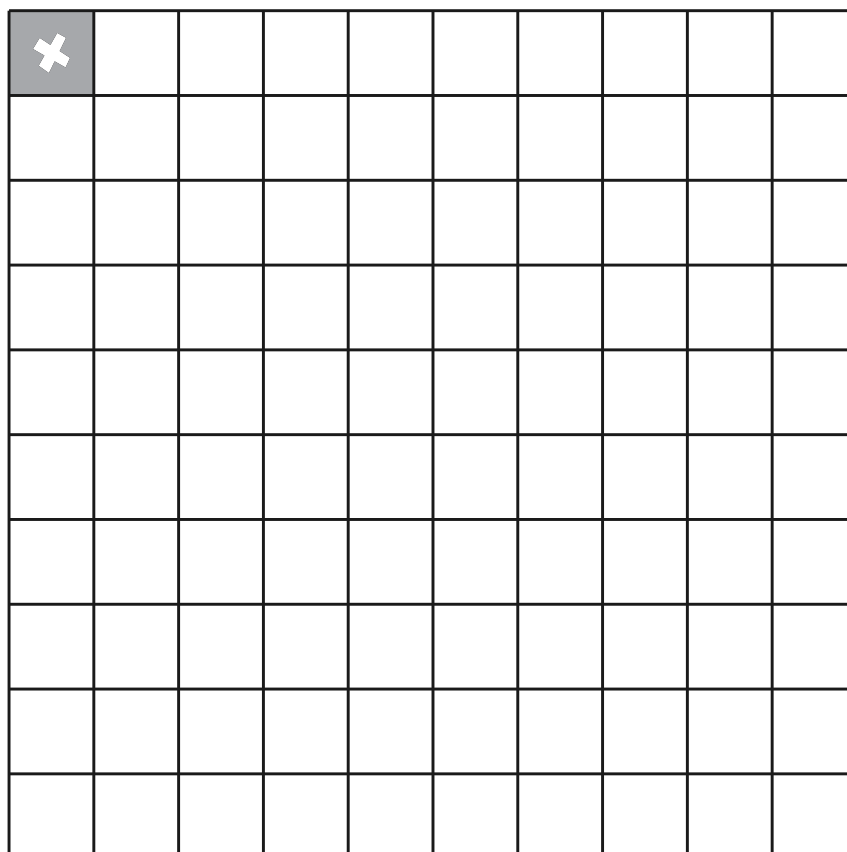
+	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10



Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.



HIDDEN SHAPE

Colour in every square whose answer is one of these numbers:

6	14	18	21	22	27	33
35	42	44	45	50	54	55
66	84	88	99	108	110	120

Check every square: the same answer can appear more than once!

Our picture is:



Teacher instructions

Print pages 36 and 37 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

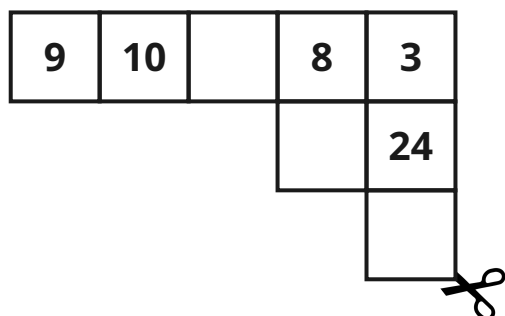
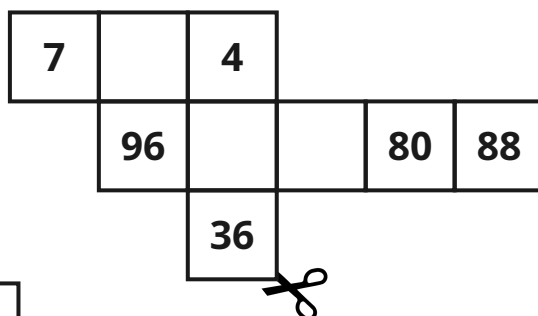
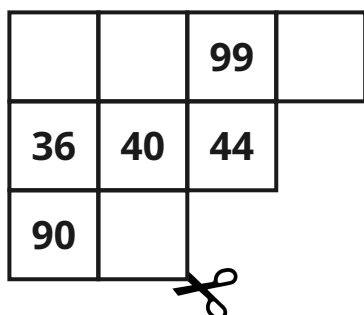
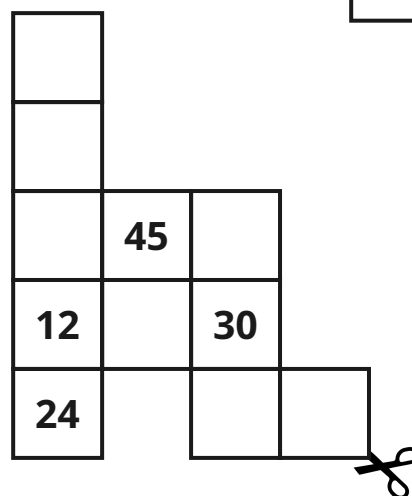
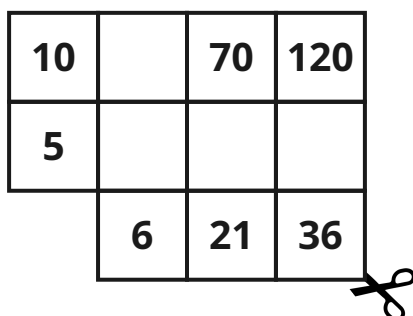
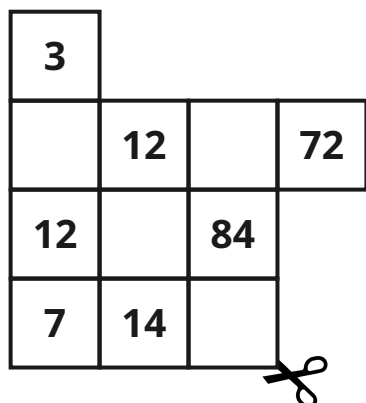
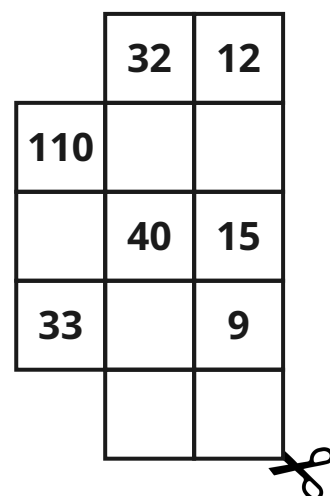
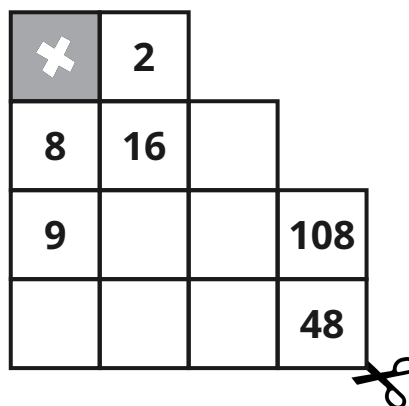
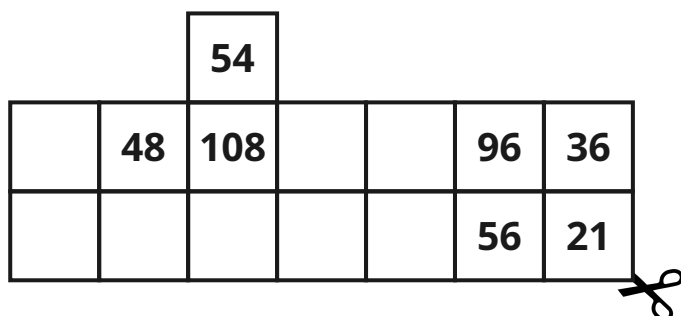
	2	7	12	4	9	10	11	8	3
8	16	56	96	32	72	80	88	64	24
9	18	63	108	36	81	90	99	72	27
4	8	28	48	16	36	40	44	32	12
10	20	70	120	40	90	100	110	80	30
5	10	35	60	20	45	50	55	40	15
3	6	21	36	12	27	30	33	24	9
6	12	42	72	24	54	60	66	48	18
12	24	84	144	48	108	120	132	96	36
7	14	49	84	28	63	70	77	56	21

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

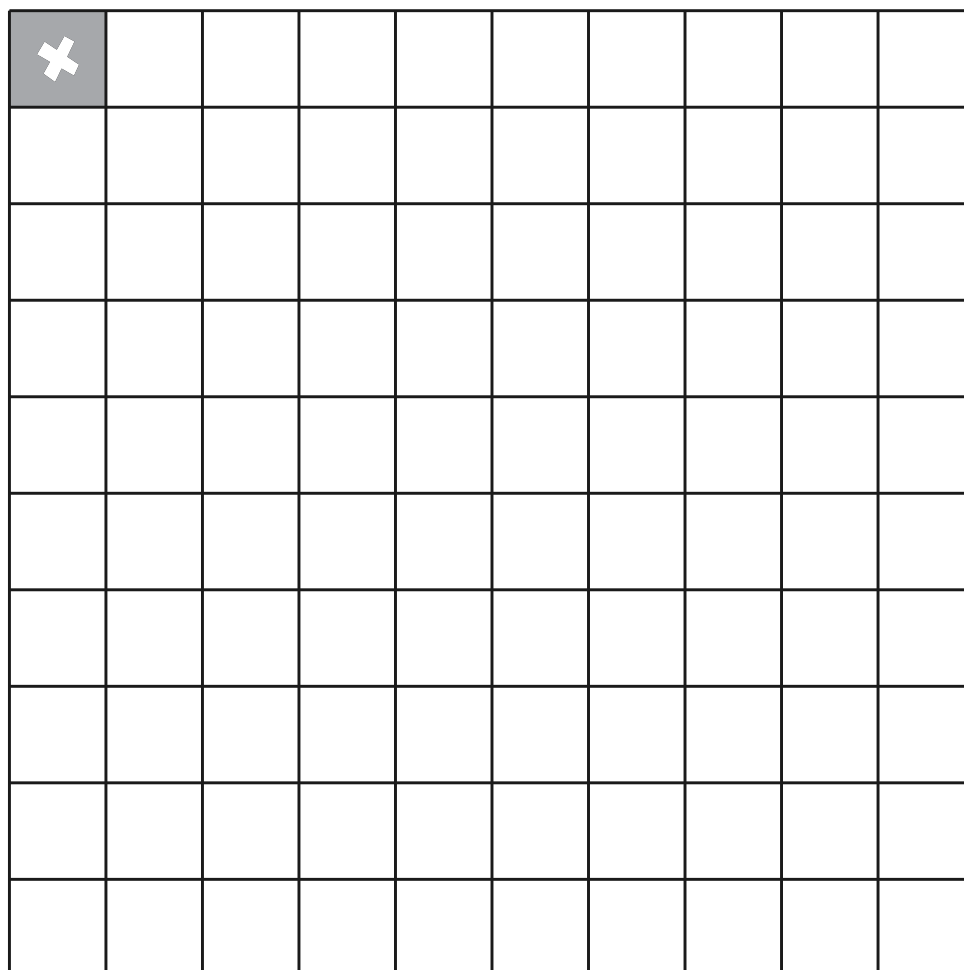
✖	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10



Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.



HIDDEN SHAPE

Colour in every square whose answer is one of these numbers:

6

9

42

44

48

99

108

110

120

132

144

Check every square: the same answer can appear more than once!

Our picture is:



Teacher instructions

Print pages 39 and 40 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

	2	12	6	10	11	4	8	9	5
3	6	36	18	30	33	12	24	27	15
5	10	60	30	50	55	20	40	45	25
12	24	144	72	120	132	48	96	108	60
8	16	96	48	80	88	32	64	72	40
10	20	120	60	100	110	40	80	90	50
6	12	72	36	60	66	24	48	54	30
9	18	108	54	90	99	36	72	81	45
2	4	24	12	20	22	8	16	18	10
11	22	132	66	110	121	44	88	99	55

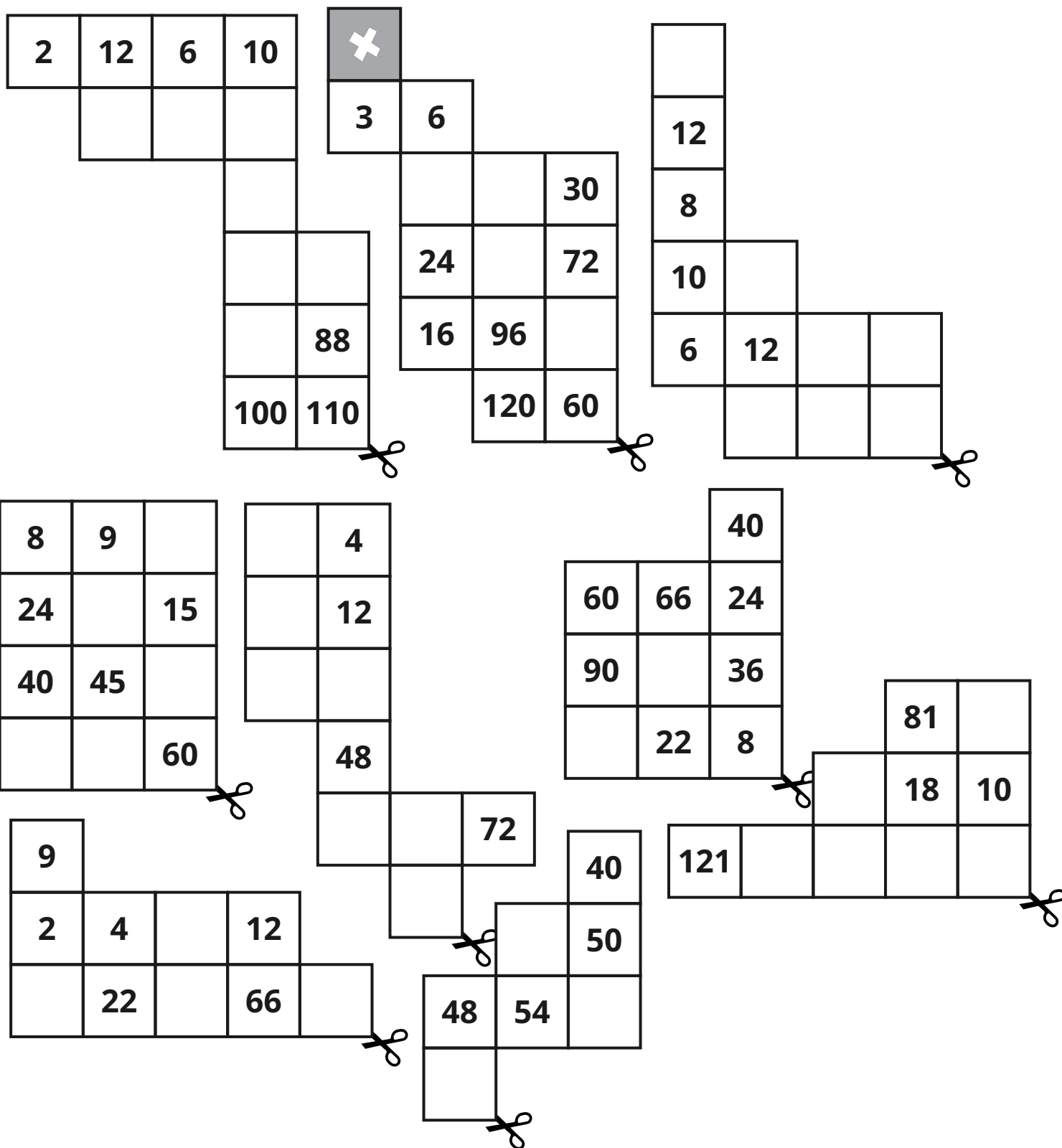


Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

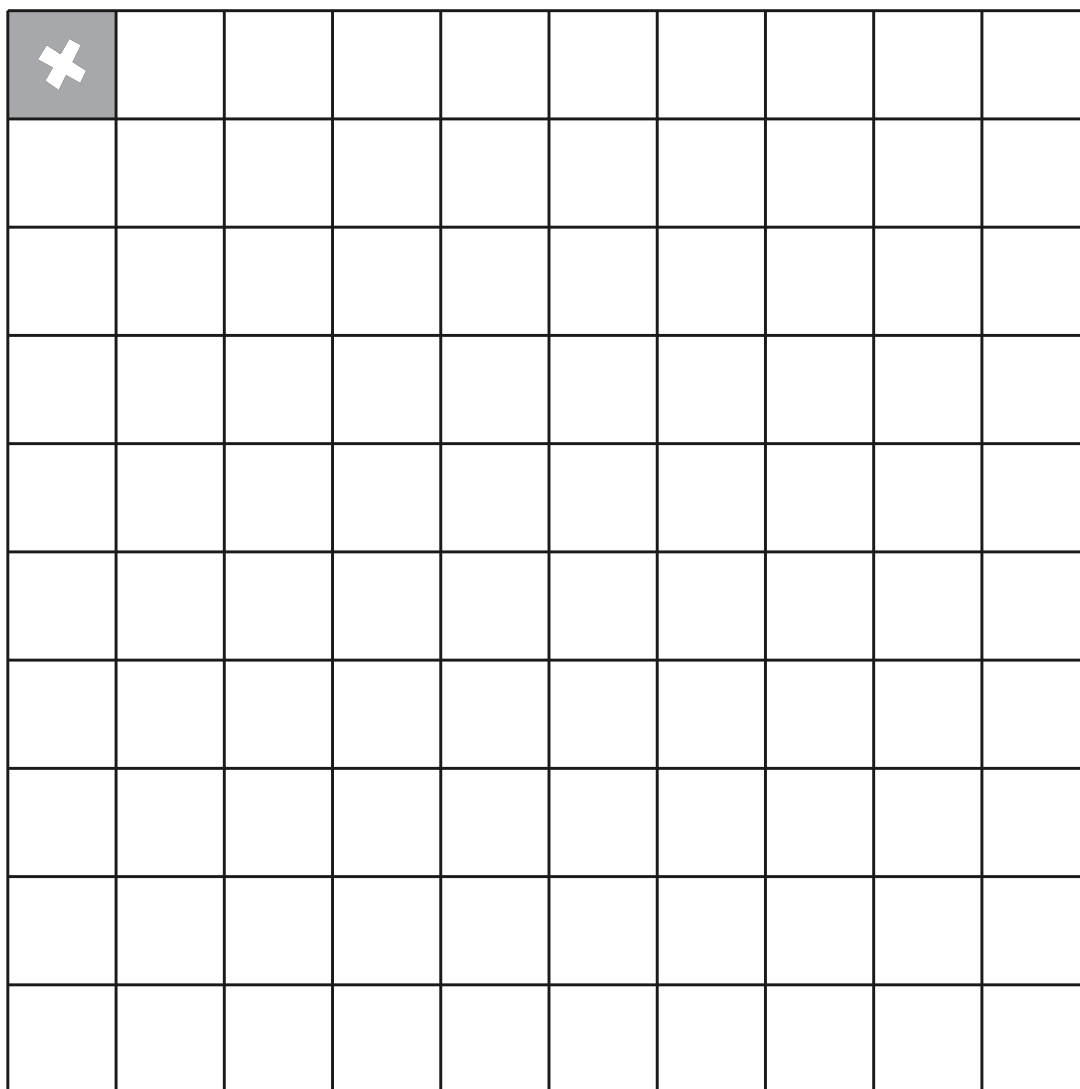
✕	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10



Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.



HIDDEN SHAPE

Colour in every square whose answer is one of these numbers:

8

20

33

50

54

72

96

121

Check every square: the same answer can appear more than once!

Our picture is:

Teacher instructions

Print pages 42 and 43 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

	11	8	3	6	9	12	7	2	5
4	44	32	12	24	36	48	28	8	20
7	77	56	21	42	63	84	49	14	35
12	132	96	36	72	108	144	84	24	60
3	33	24	9	18	27	36	21	6	15
6	66	48	18	36	54	72	42	12	30
9	99	72	27	54	81	108	63	18	45
8	88	64	24	48	72	96	56	16	40
2	22	16	6	12	18	24	14	4	10
11	121	88	33	66	99	132	77	22	55

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

✕	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10

		64				
2	22	16				
11	121			66		132

12		96
	33	
9	99	
8		

	9		
	18	36	
		54	
			72

96	56	16	40
24			10

		84
27	36	21
	72	42
	108	63

8		6		12
	12		36	

	35
6	
	45

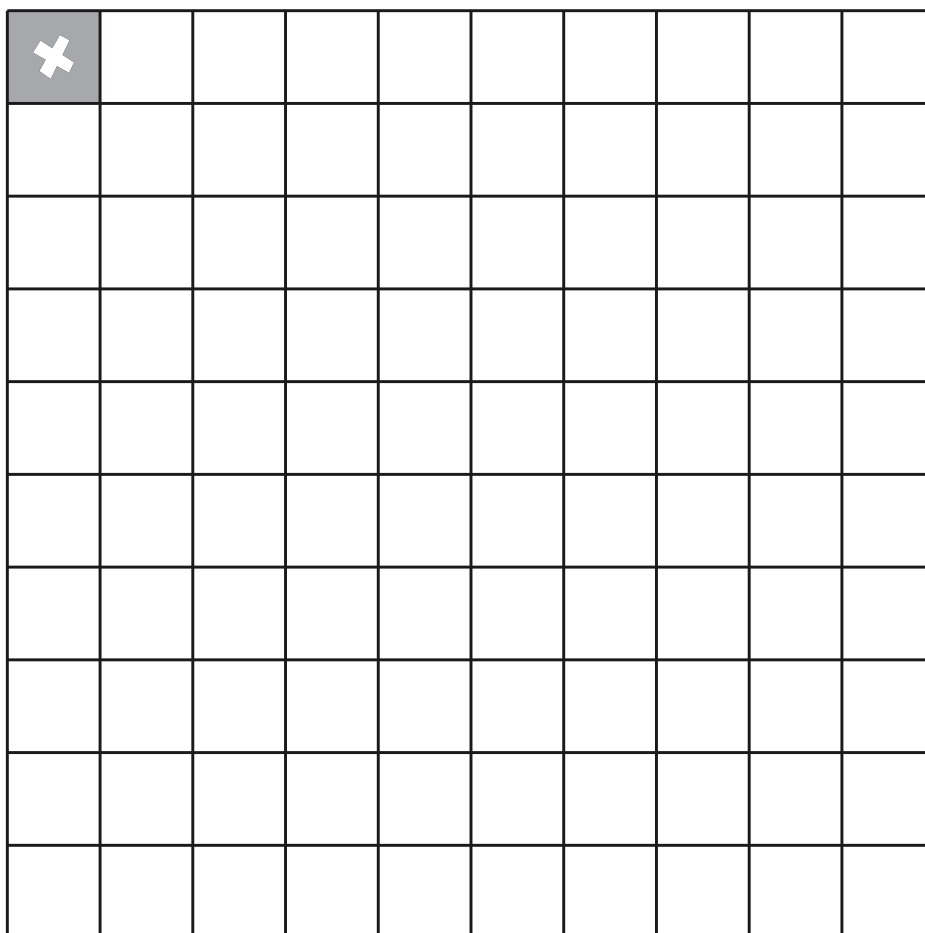
	7	2	5
	28	8	
84	49		

✕	11		
4		32	
7	77	56	

Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.



HIDDEN SHAPE

Colour in every square whose answer is one of these numbers:

Suggested colour: green

18	27	36	42	54	63
72	81	84	108	144	

Check every square: the same answer can appear more than once!

Our picture is:

Teacher instructions

Print pages 45 and 46 SINGLE-SIDED for each pair of students in your class.

Materials required: 1 glue stick and scissors per student pair

Thick lines show the ready-made pieces. Each one fits in only one place.

Answer grid

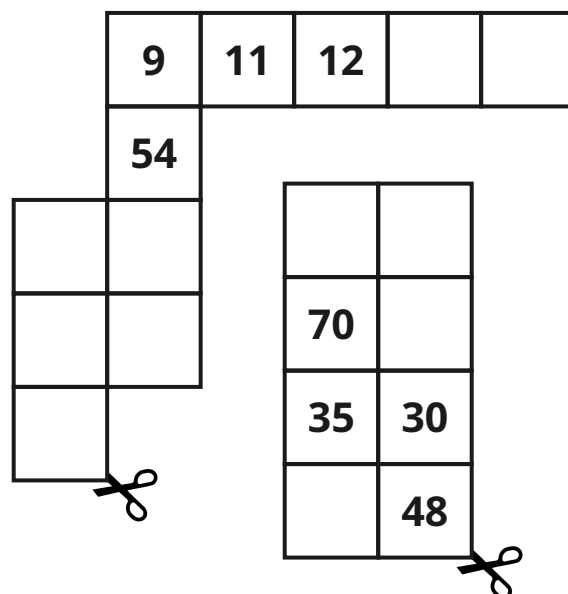
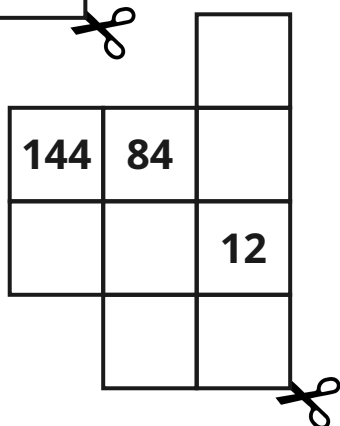
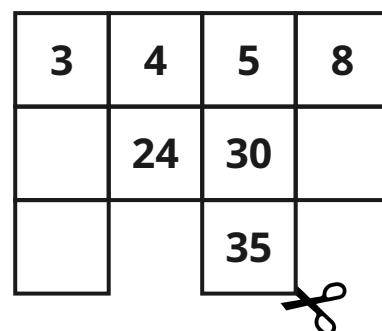
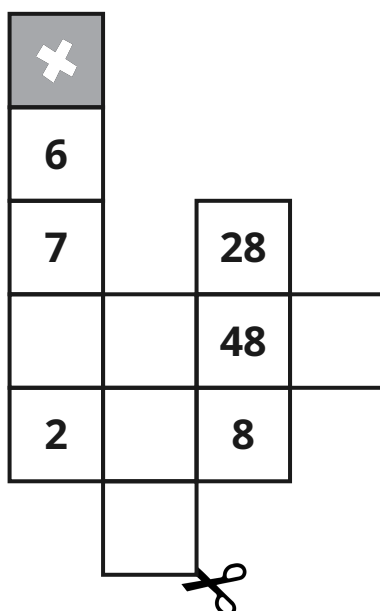
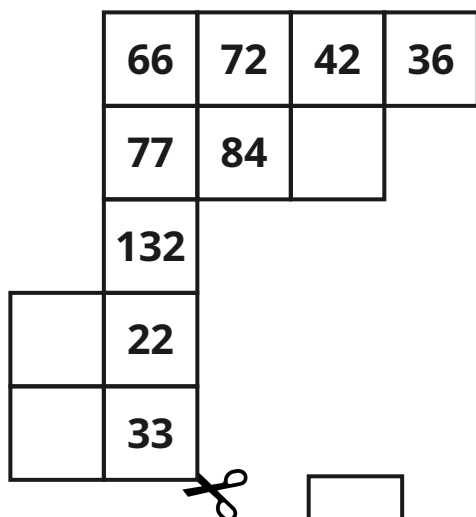
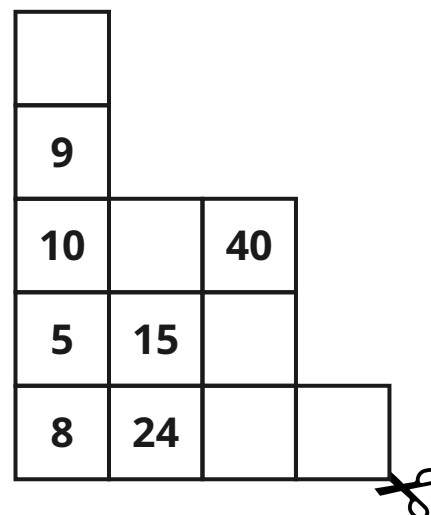
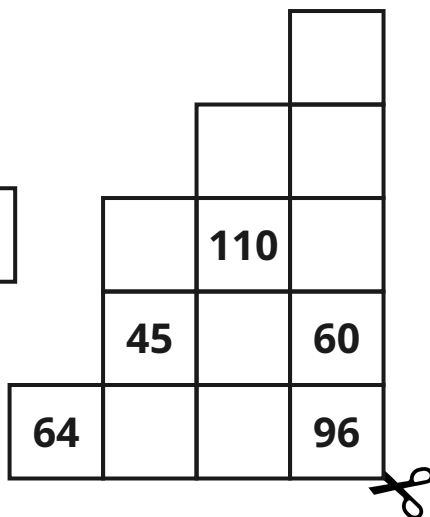
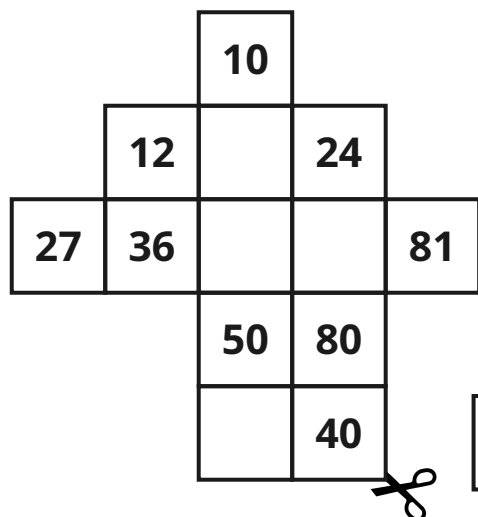
	3	4	5	8	9	11	12	7	6
6	18	24	30	48	54	66	72	42	36
7	21	28	35	56	63	77	84	49	42
12	36	48	60	96	108	132	144	84	72
2	6	8	10	16	18	22	24	14	12
3	9	12	15	24	27	33	36	21	18
9	27	36	45	72	81	99	108	63	54
10	30	40	50	80	90	110	120	70	60
5	15	20	25	40	45	55	60	35	30
8	24	32	40	64	72	88	96	56	48

Part 1: The pieces

- 1** Cut out each piece along its outside lines.
- 2** Stick the pieces in the correct place on the Part 2 sheet.

Example of a finished grid

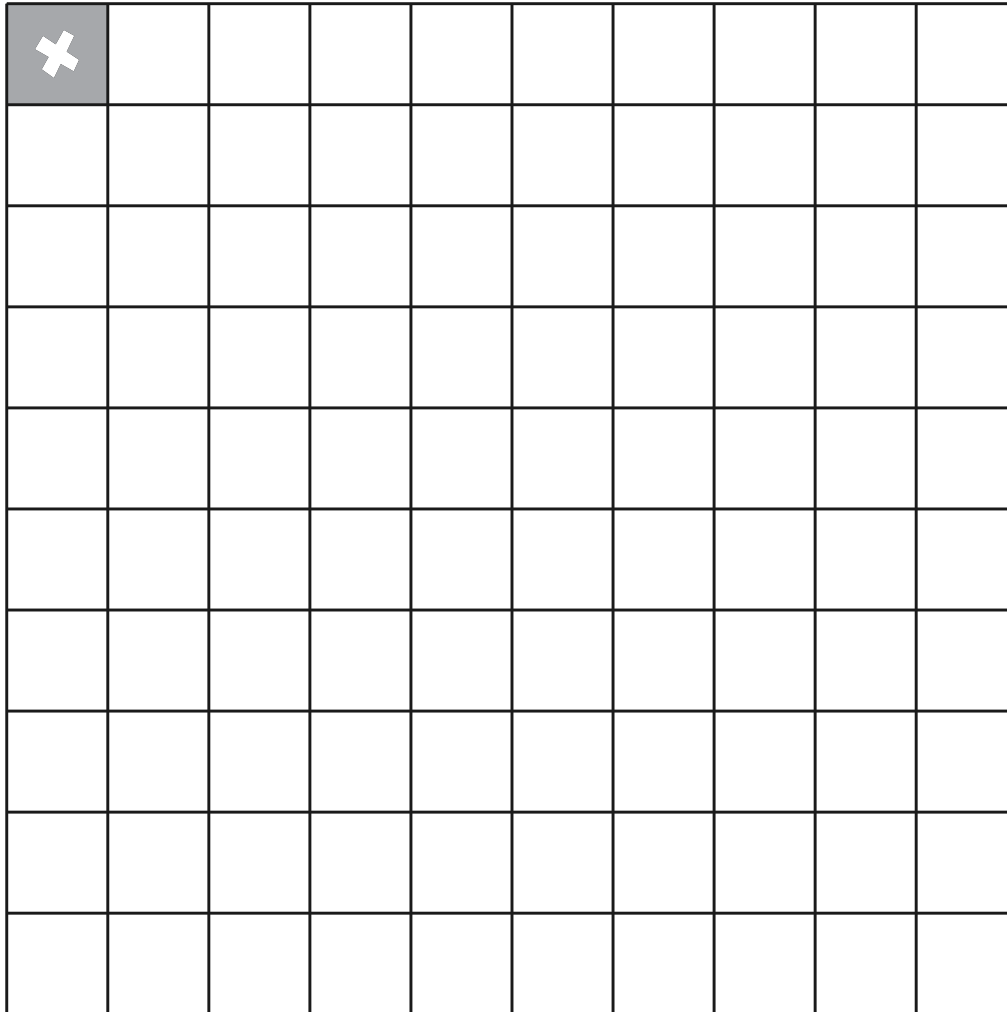
✖	4	2	5
3	12	6	15
6	24	12	30
2	8	4	10



Name(s):

Part 2: Stick down and colour in

Start with the × piece in the top-left corner. Check before you glue, fill in the empty squares, then follow the clue. Small gaps between pieces are fine.



HIDDEN SHAPE

Colour in every square whose answer is one of these numbers:

20	22	25	33	40	42	45	49	50	55
64	66	72	77	80	81	90	99	110	132

Check every square: the same answer can appear more than once!

Our picture is:

