

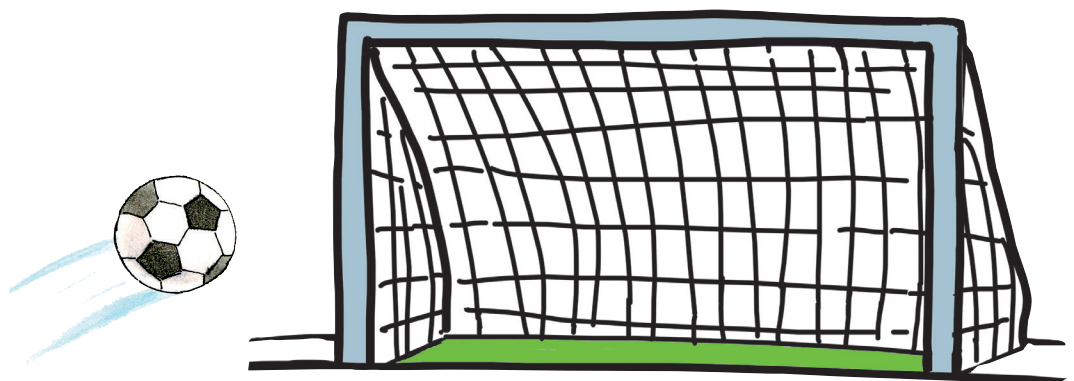
Zauberbälle



Die Zahlen jeder Spalte, jeder Reihe und jeder Diagonale müssen in jedem Ball die gleiche Summe ergeben. Zunächst wird die Zielzahl ermittelt, in dem man die Zahlen bereits ausgefüllter Spalten, Reihen oder Diagonalen addiert. Kennt man die Zielzahl, gilt es, unvollständig ausgefüllte Spalten, Reihen oder Diagonalen zu ergänzen.

Die Zauberbälle gibt es in den Varianten, jeweils mit Lösung:

- ZR 20
- ZR 50
- ZR 100
- ZR 500
- ZR 1.000 mit Zehnerzahlen
- ZR 1.000 mit schwierigeren Zahlen

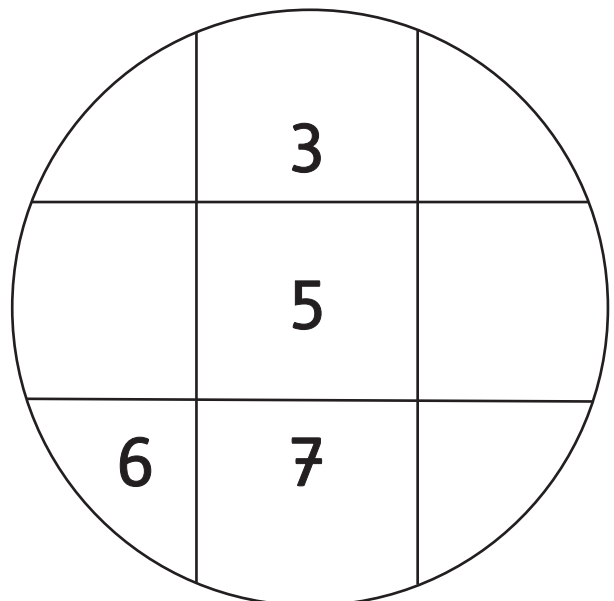
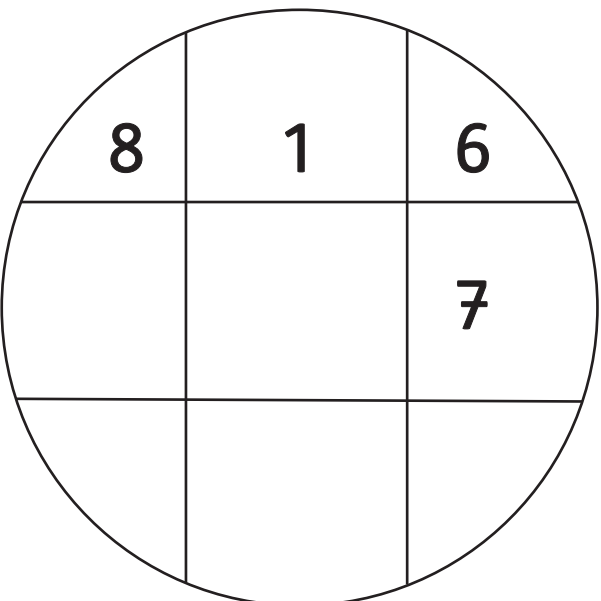
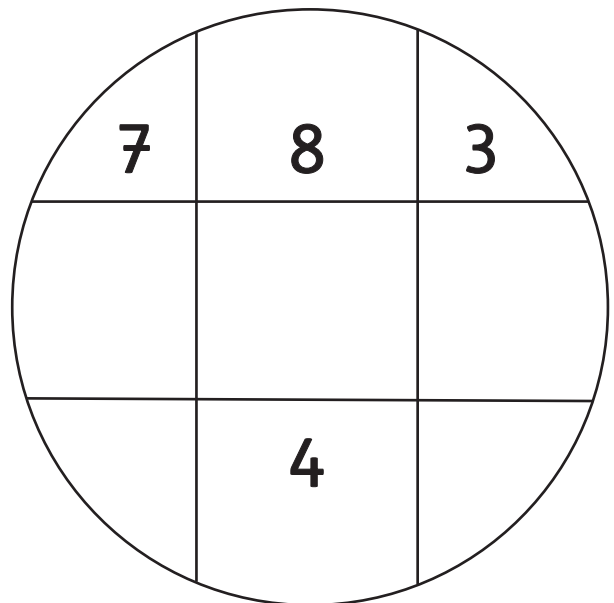
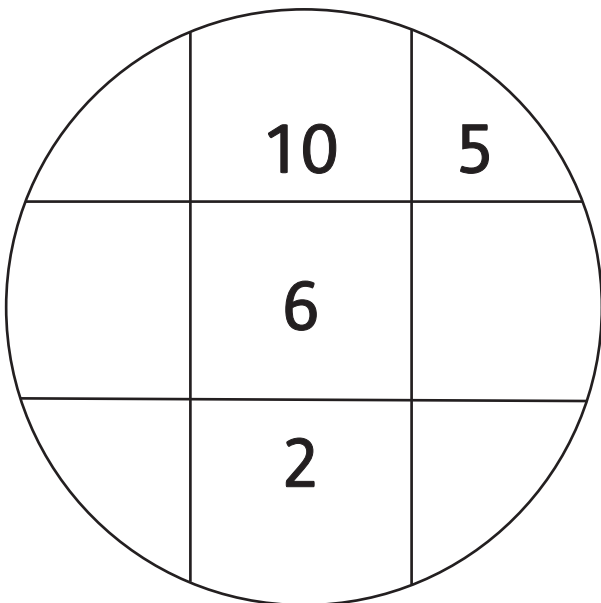
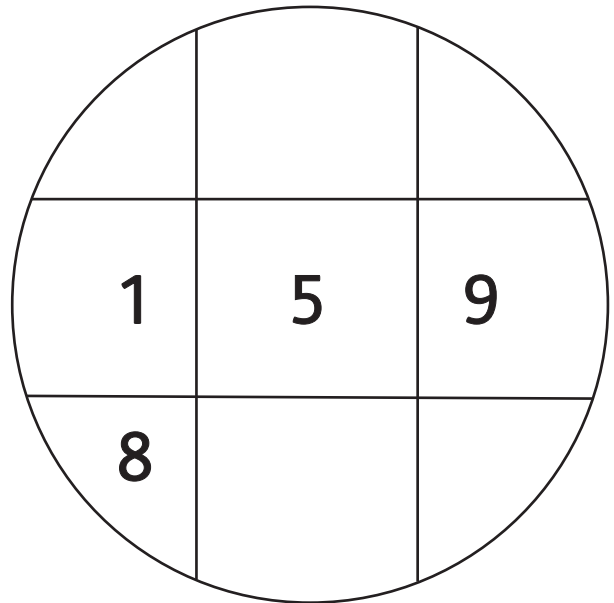
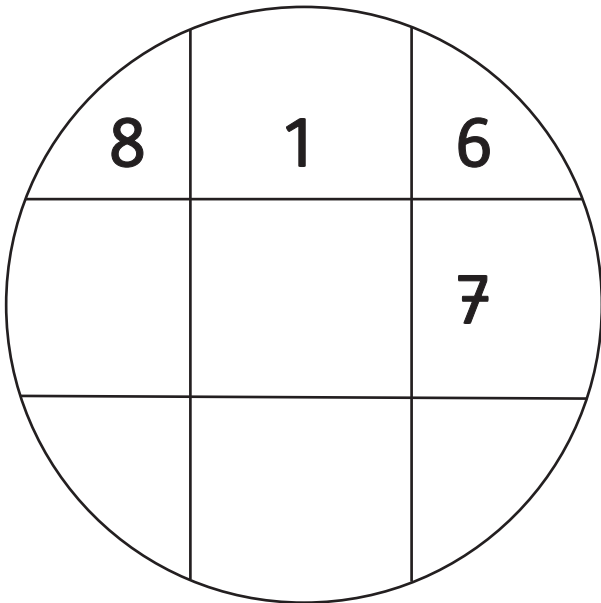


Name:

Klasse:

Datum:

ZR 20

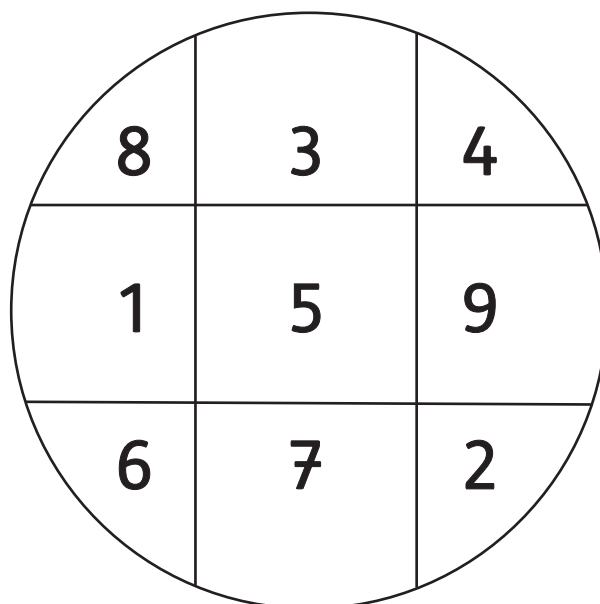
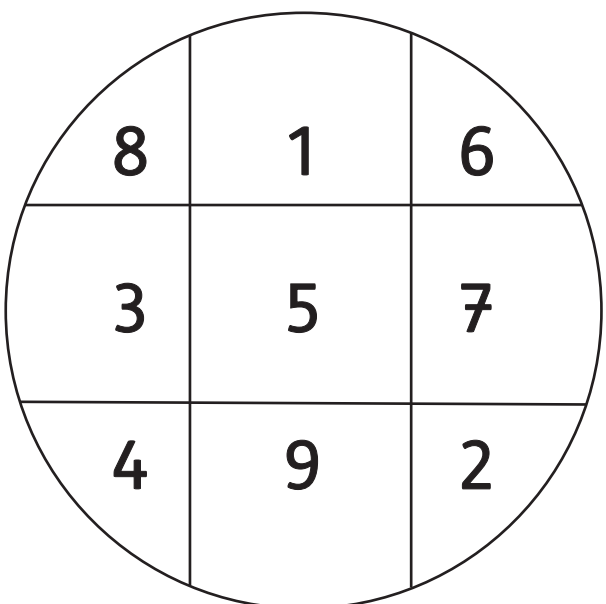
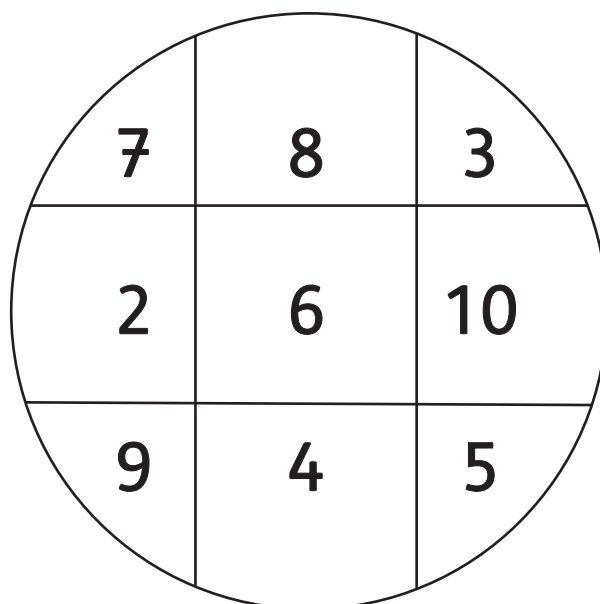
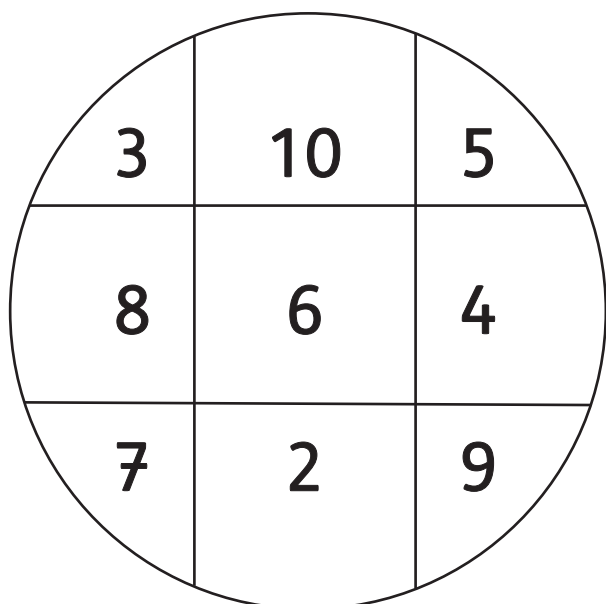
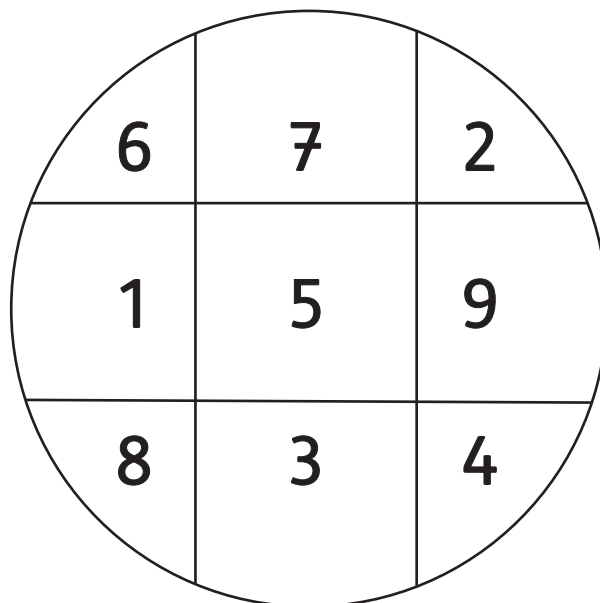
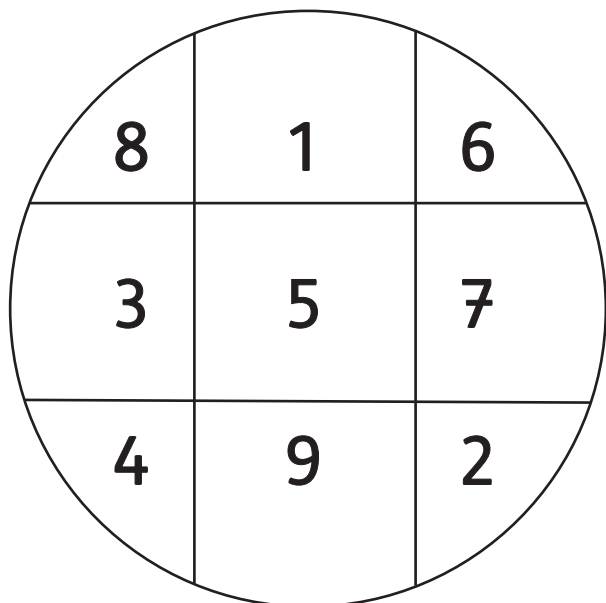


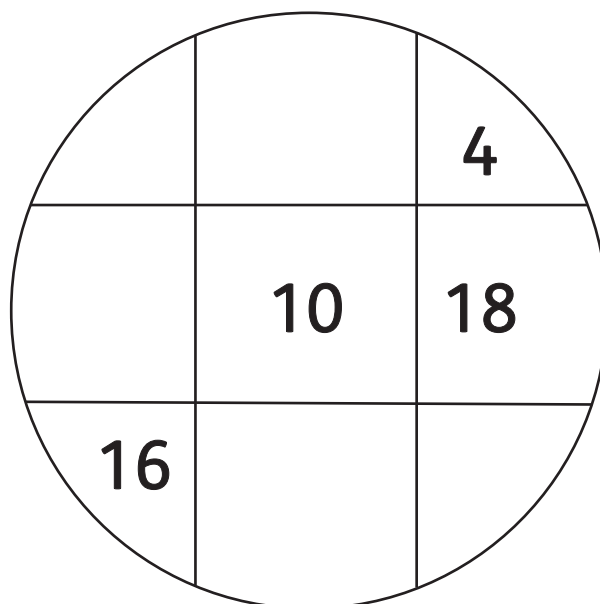
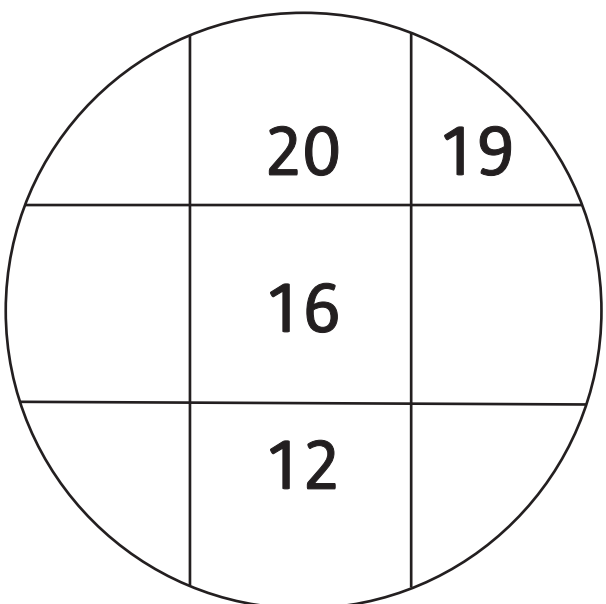
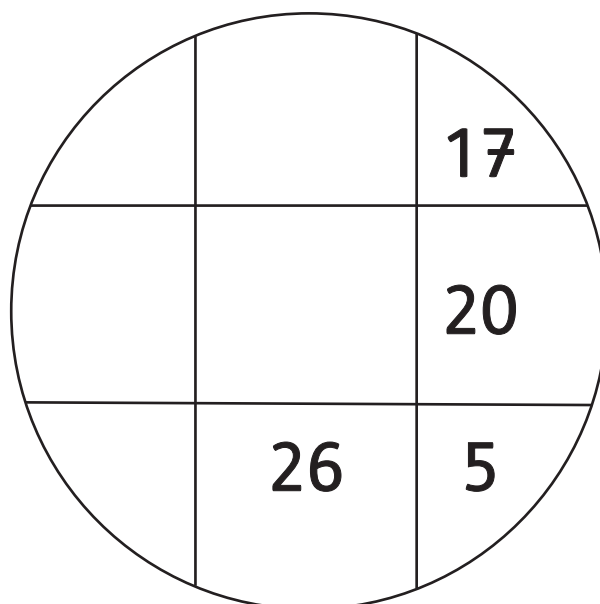
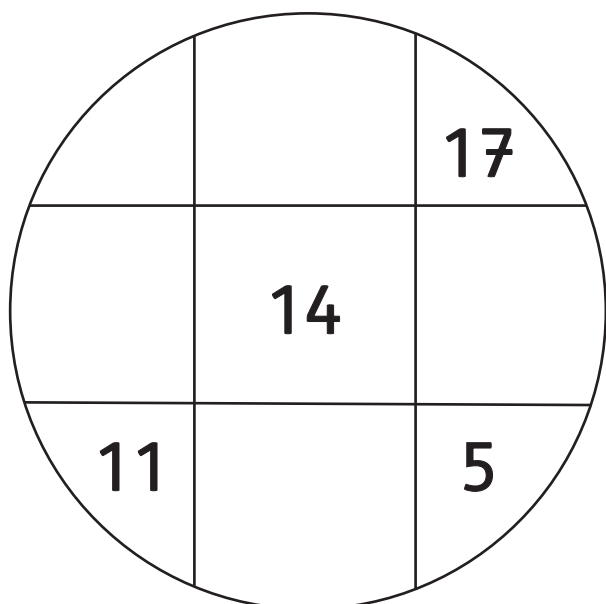
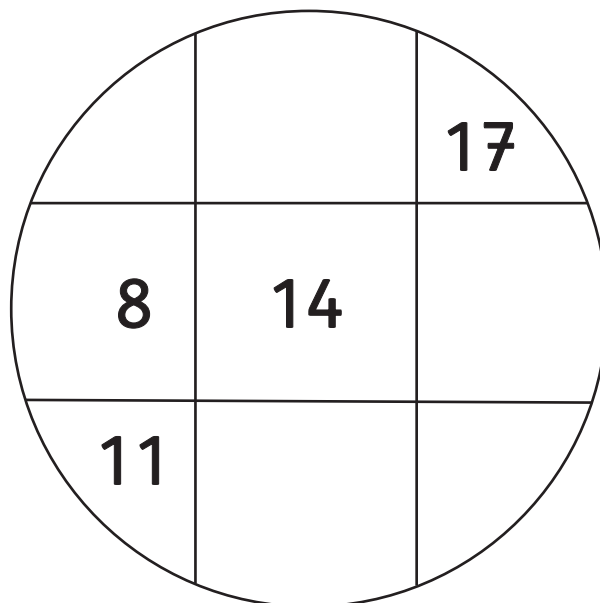
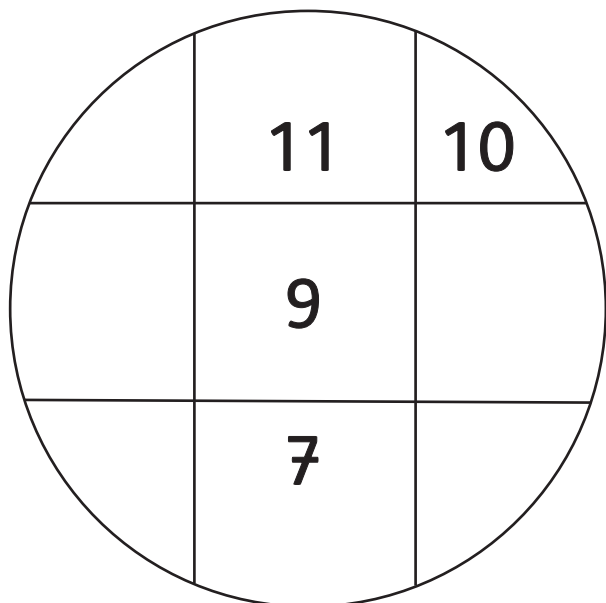
Name:

Klasse:

Datum:

ZR 20





6	11	10
13	9	5
8	7	12

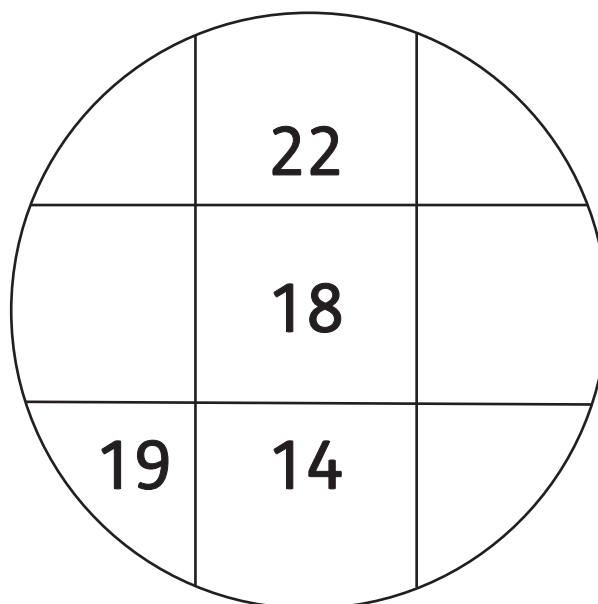
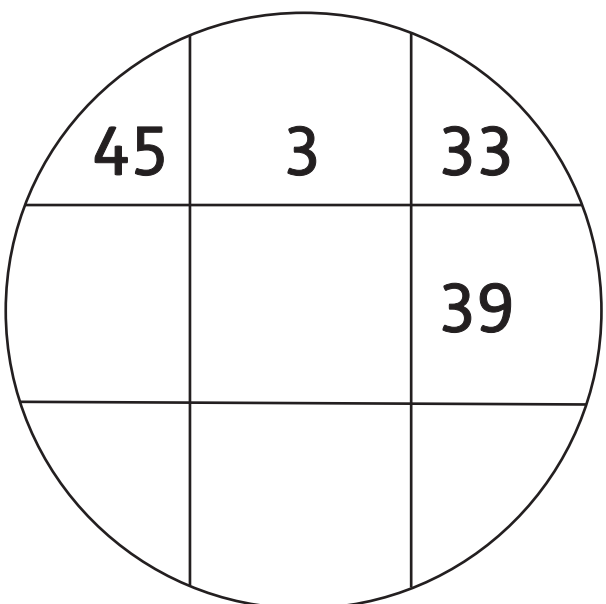
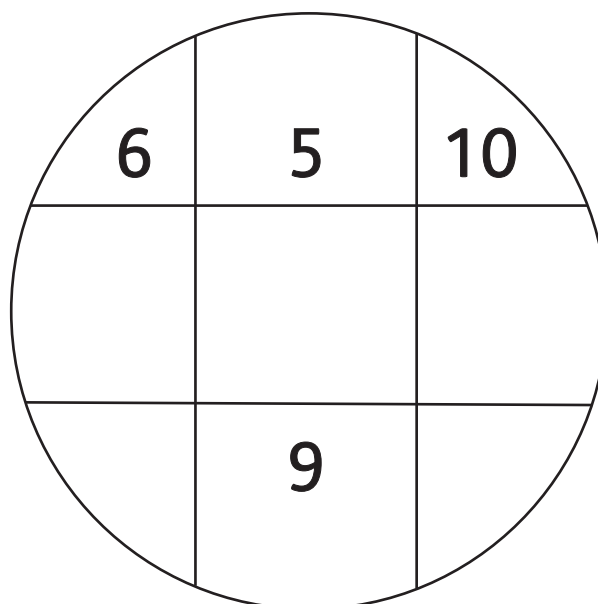
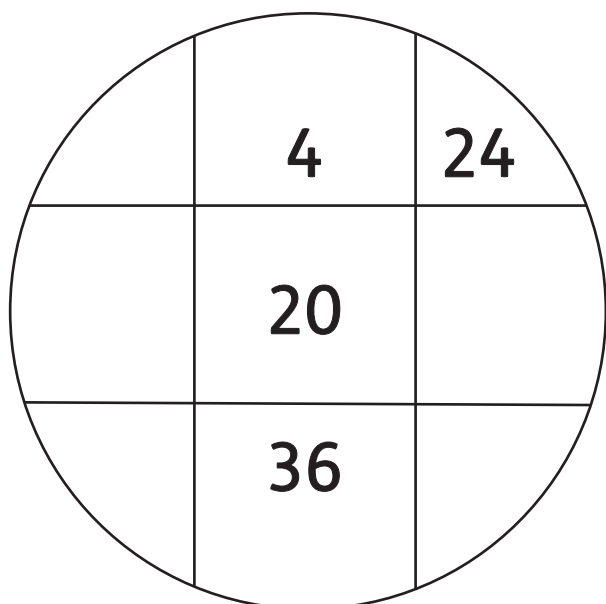
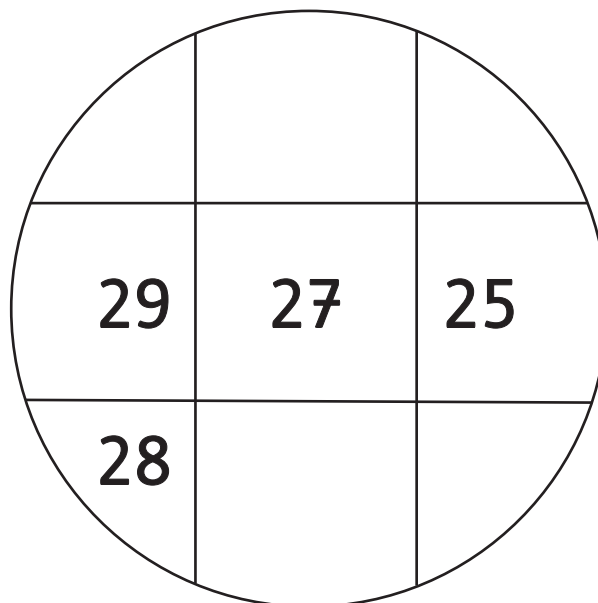
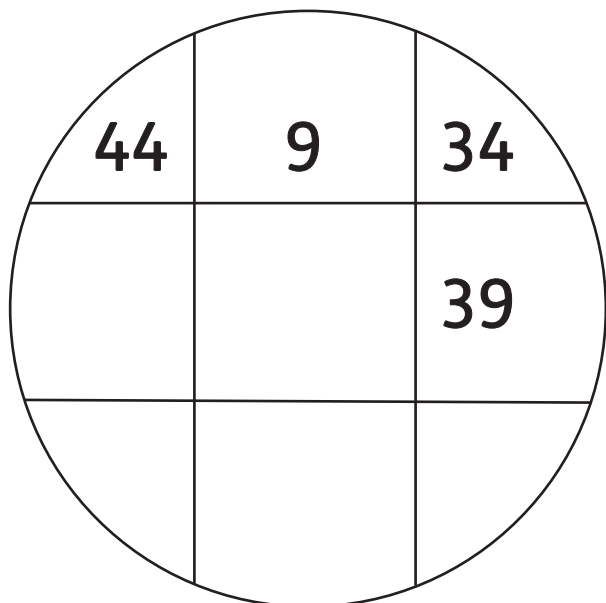
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8	14	20
11	26	5

23	2	17
8	14	20
11	26	5

23	2	17
8	14	20
11	26	5

15	20	19
14	16	18
19	12	17

12	14	4
2	10	18
16	6	8



44	9	34
19	29	39
24	49	14

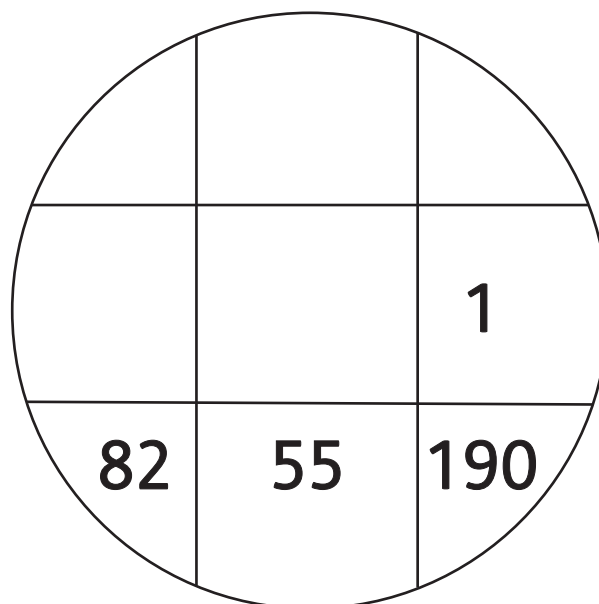
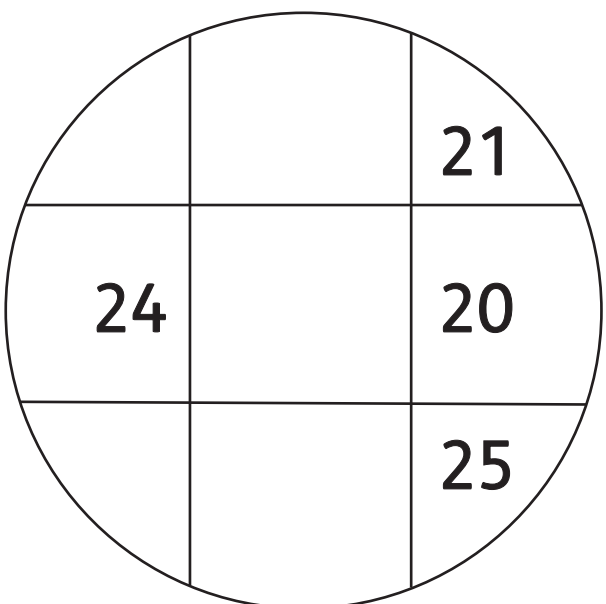
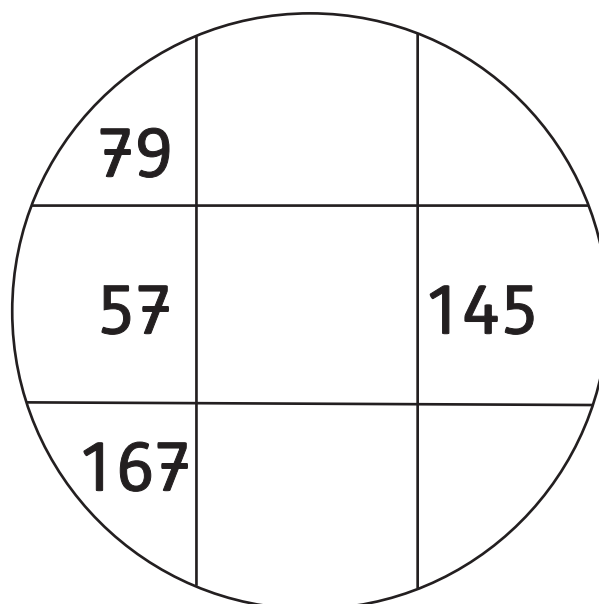
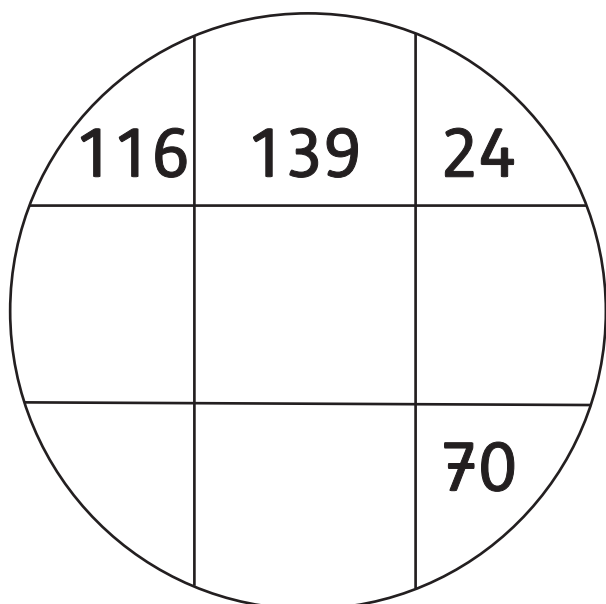
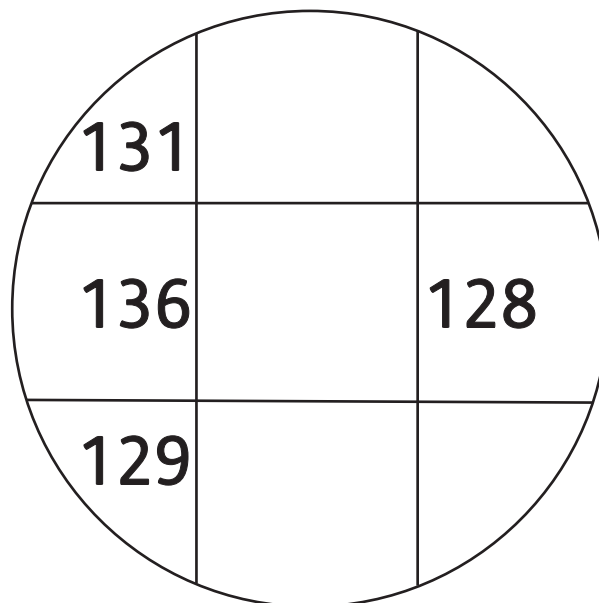
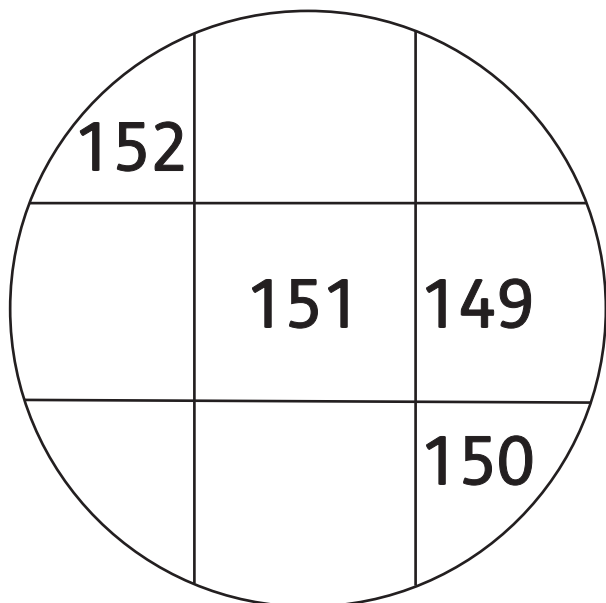
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29	27	25
28	23	30

32	4	24
12	20	28
16	36	8

6	5	10
11	7	3
4	9	8

45	3	33
15	27	39
21	51	9

15	22	17
20	18	16
19	14	21



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153	151	149
148	155	150

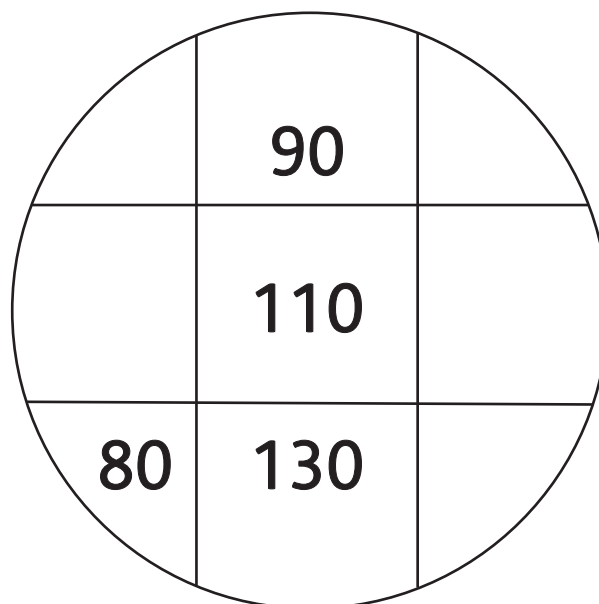
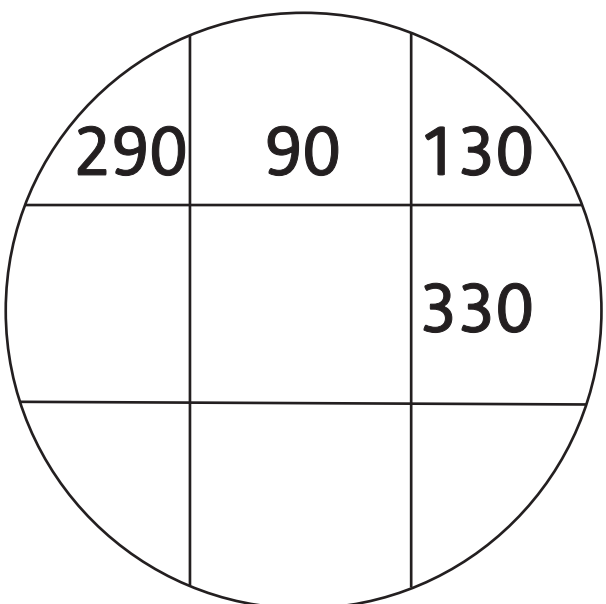
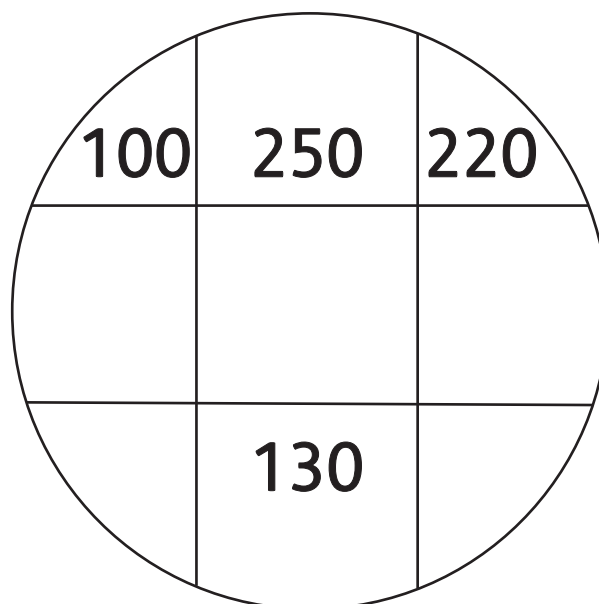
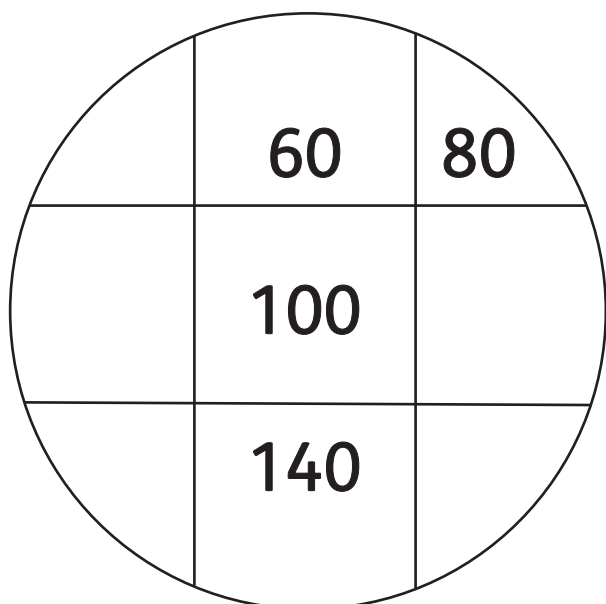
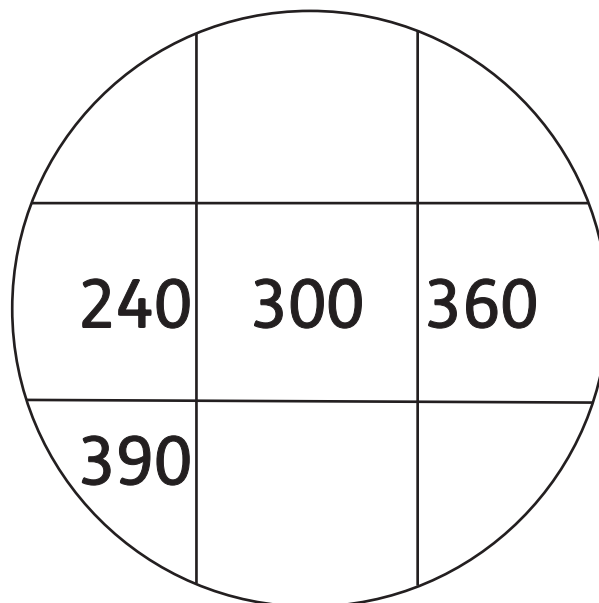
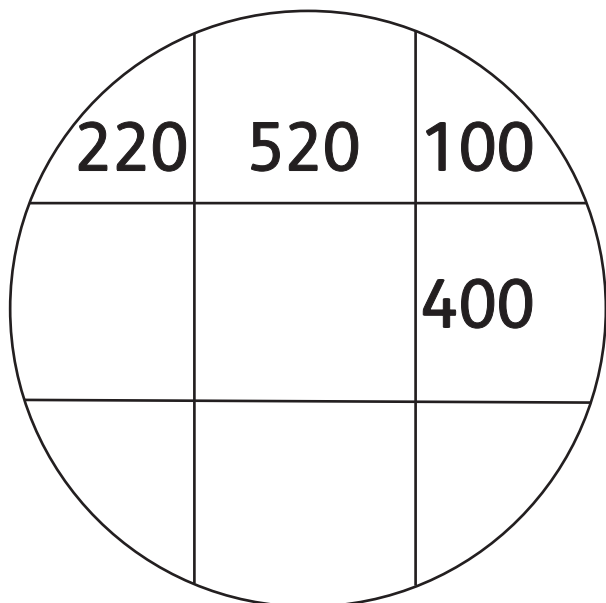
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136	132	128
129	134	133

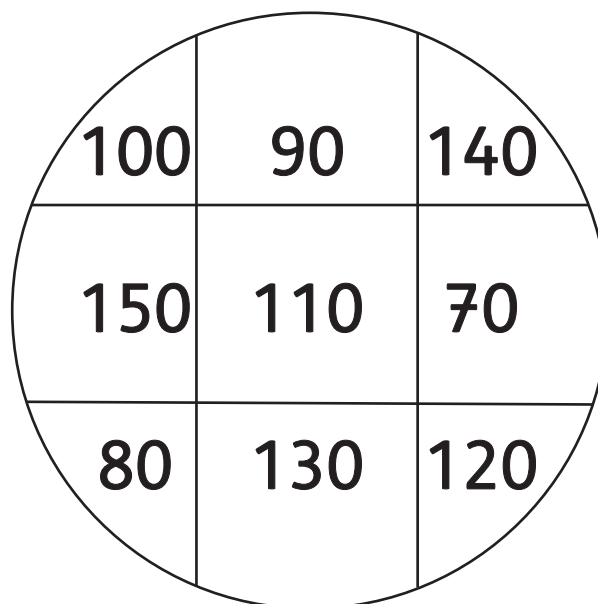
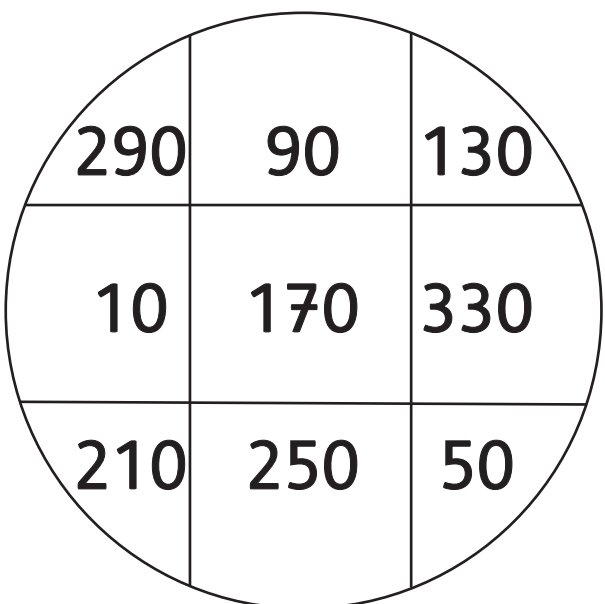
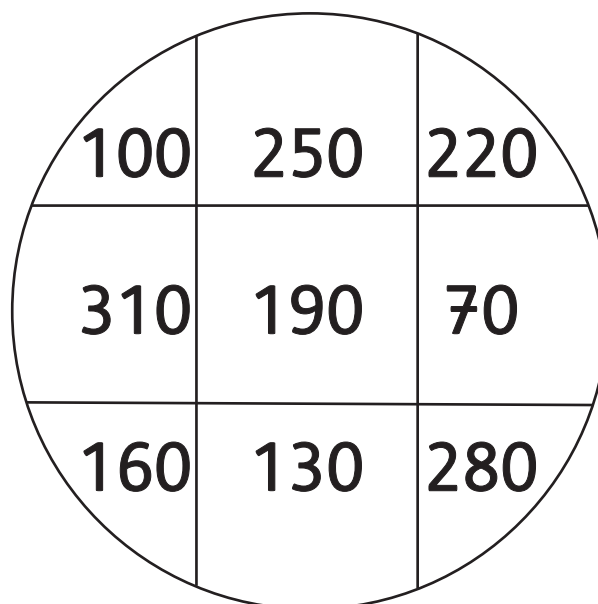
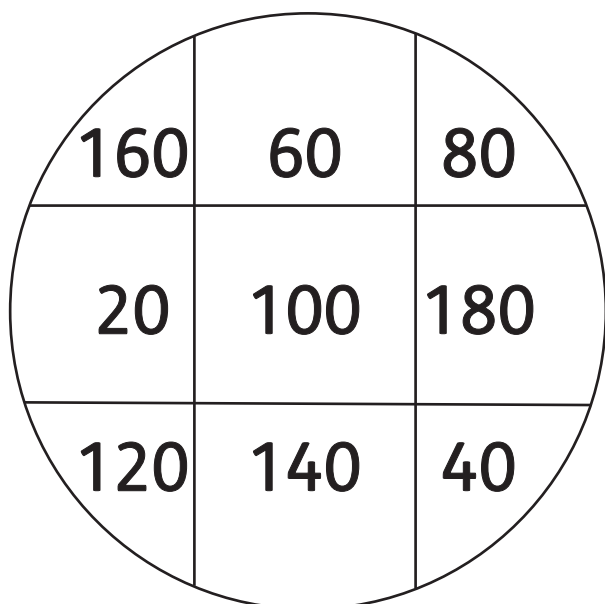
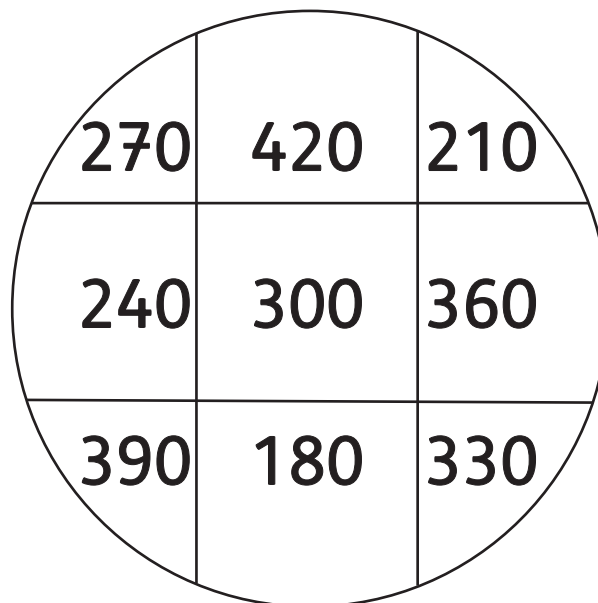
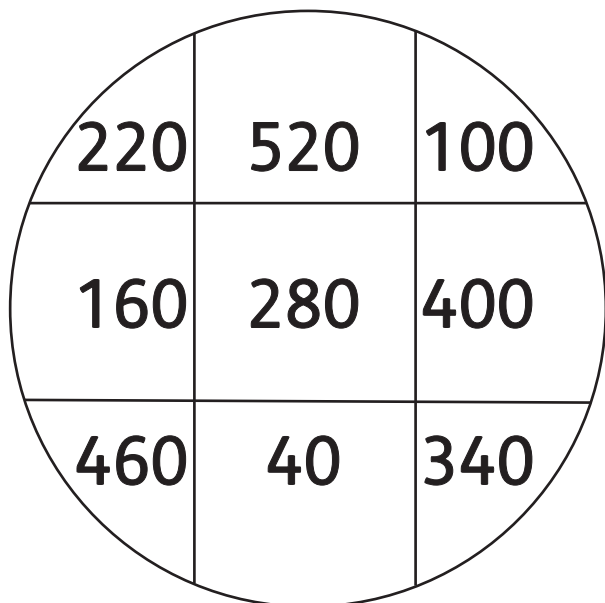
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162	47	70

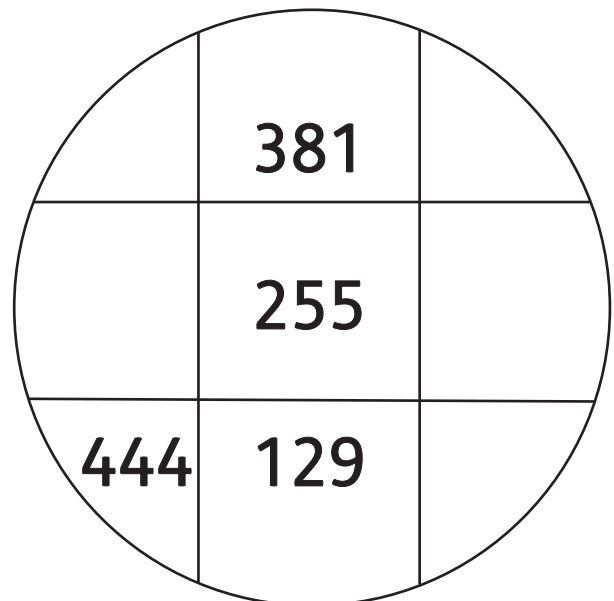
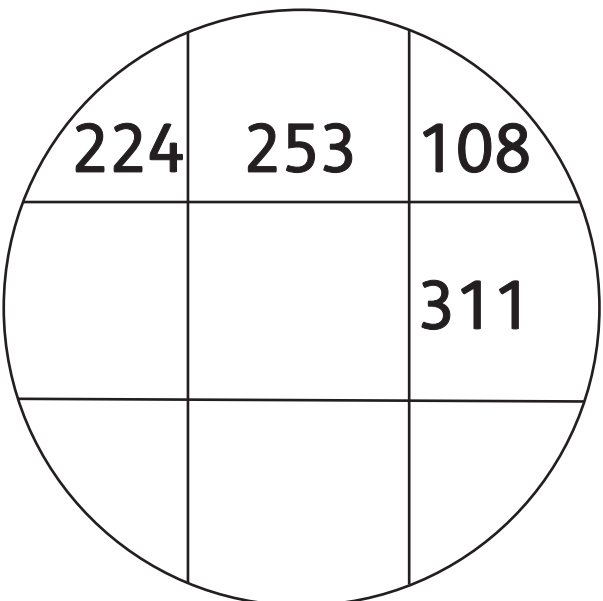
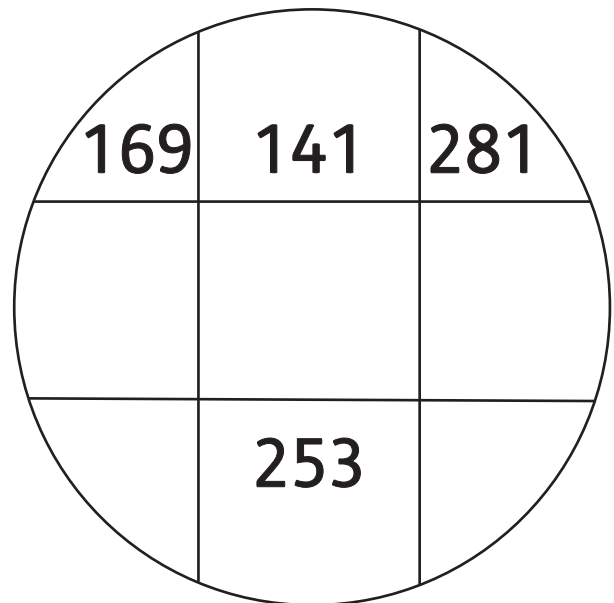
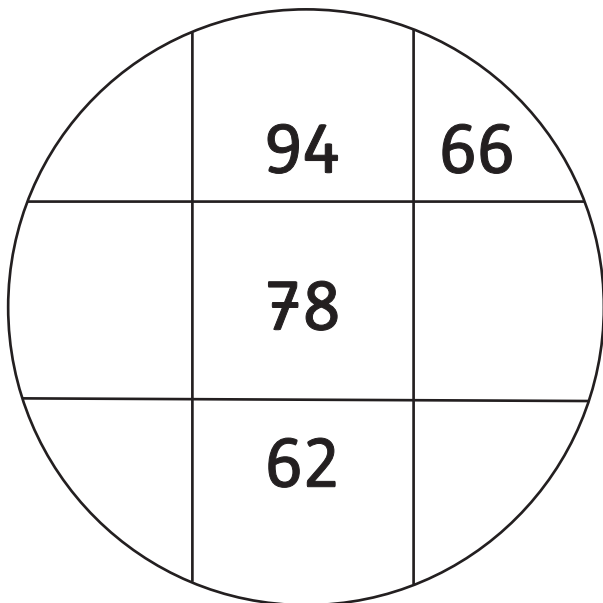
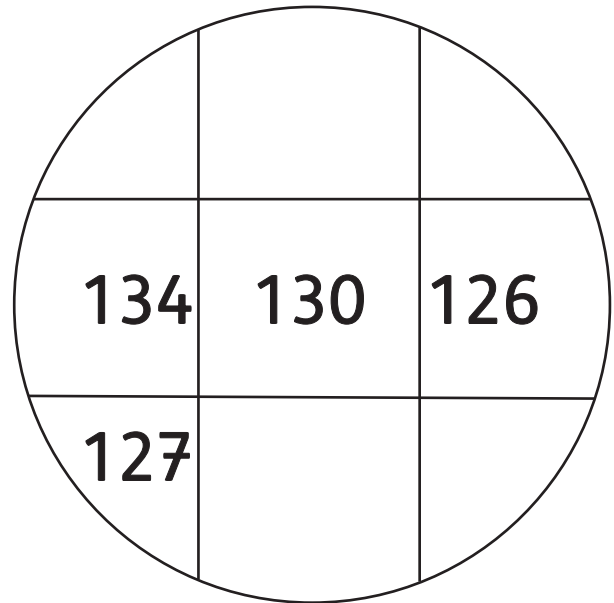
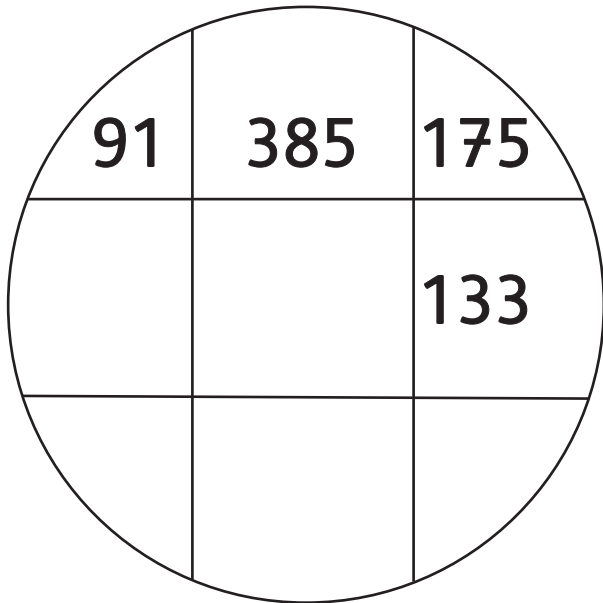
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57	101	145
167	13	123

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23	18	25

28	163	136
217	109	1
82	55	190







91	385	175
301	217	133
259	49	343

129	128	133
134	130	126
127	132	131

74	94	66
70	78	86
90	62	82

169	141	281
309	197	85
113	253	225

224	253	108
79	195	311
282	137	166

318	381	66
3	255	507
444	129	192