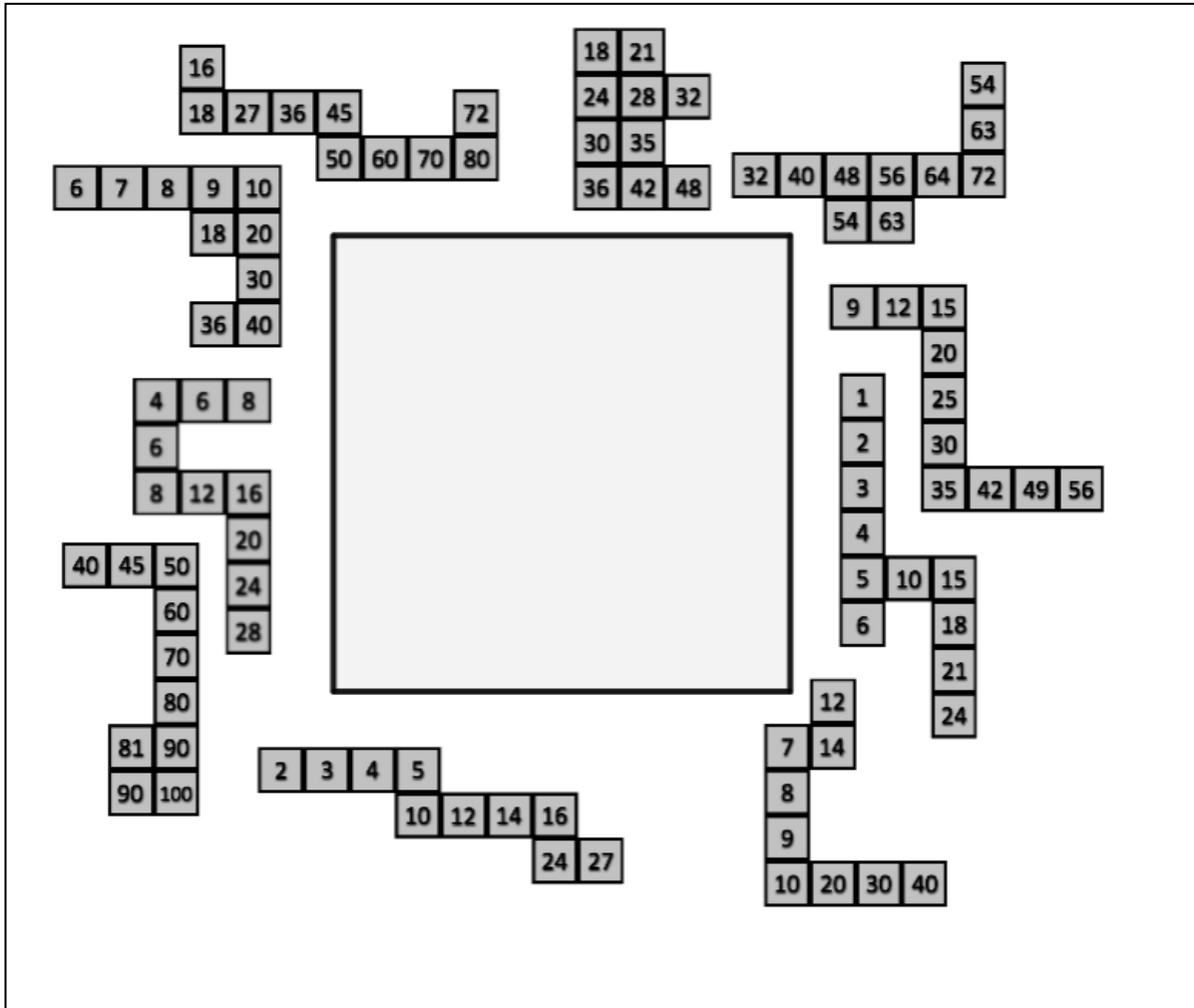


Objective: Recall multiplication facts

Year 4 Task:

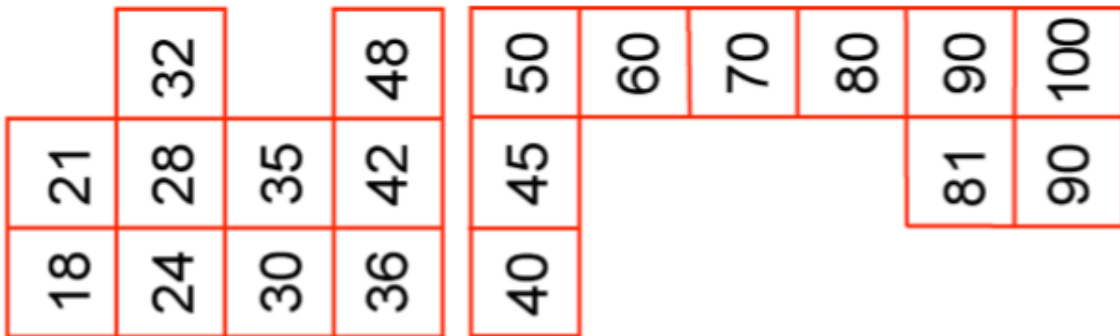
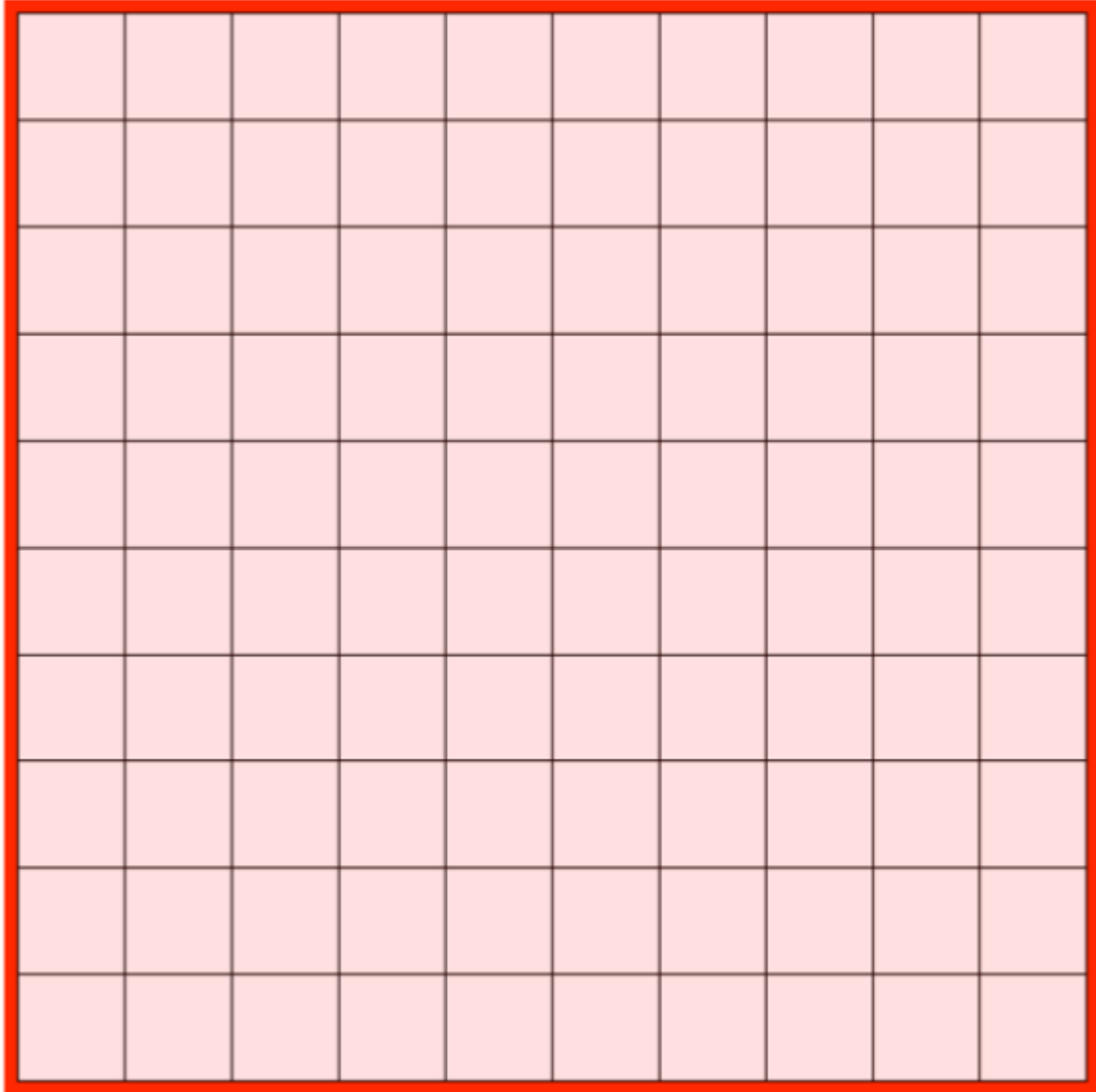
Use the pieces to complete a 10 x10 multiplication square (the pieces have been included in this document)



The image shows a 10x10 grid for a multiplication square. A large empty square is in the center, representing the missing 10x10 grid. Surrounding it are various pieces of multiplication facts, each in a small box or group of boxes. The pieces include:

- 16
- 18 27 36 45 72
- 50 60 70 80
- 6 7 8 9 10
- 18 20
- 30
- 36 40
- 4 6 8
- 6
- 8 12 16
- 20
- 24
- 28
- 40 45 50
- 60
- 70
- 80
- 81 90
- 90 100
- 2 3 4 5
- 10 12 14 16
- 24 27
- 18 21
- 24 28 32
- 30 35
- 36 42 48
- 32 40 48 56 64 72
- 54
- 63
- 54 63
- 9 12 15
- 20
- 25
- 30
- 35 42 49 56
- 1
- 2
- 3
- 4
- 5 10 15
- 6
- 18
- 21
- 24
- 12
- 7 14
- 8
- 9
- 10 20 30 40

From Nrich <https://nrich.maths.org/5573>



Task 2

Board A

2	5	10	4	8
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X

Board B

4	8	12	15
5	10	20	30
100	250	500	50

Pick a number from board A and a number from Board B.

Multiply the two numbers together.

Find the product (answer) on the board below.

Try to get three in a row (horizontal, diagonal, vertical) or fill the whole board

Play against the clock or play against a partner.

40	96	60	40	800
200	500	100	150	60
2500	80	240	40	150
200	100	80	500	2500
240	150	160	800	96

40	96	60	40	800
200	500	100	150	60
2500	80	240	40	150
200	100	80	500	2500
240	150	160	800	96

Use mental strategies eg facts and related facts and or place value

Eg 50×8

I know $5 \times 8 = 40$

50×8 is ten times bigger

$50 \times 8 = 400$

Use a grid method or formal method to work out the products

Eg $15 \times 4 = 10 \times 4$ and $5 \times 4 = 40 + 20 = 60$

X	10	5
4	40	20