

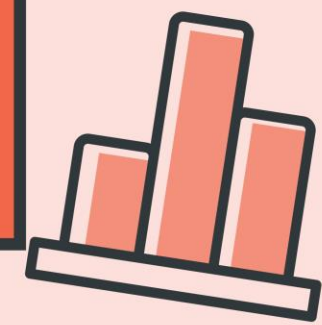
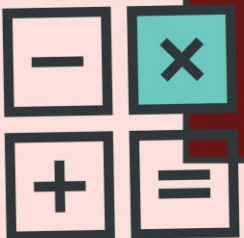
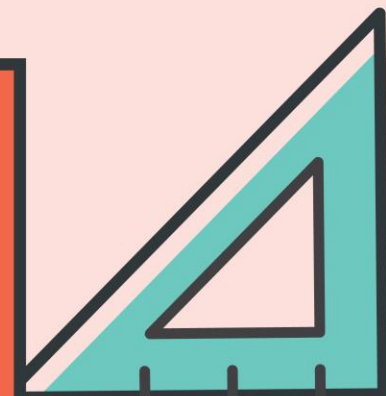
รายวิชา คณิตศาสตร์

รหัสวิชา ค13101

ชั้นประถมศึกษาปีที่ 3

ผู้สอน ครุณาพรรณ เกิดพันธ์

เรื่อง การคูณจำนวนหนึ่งหลักกับ 100, 200,
300,... ,900



จุดประสงค์การเรียนรู้

เพื่อให้นักเรียนสามารถหาผลคูณของจำนวน
หนึ่งหลักกับ 100, 200, 300, ... , 900 โดยใช้
วิธีบวกซ้ำ



$$5 \times 4$$





$$7 \times 4$$





$$2 \times 8$$





$$3 \times 9$$





$$8 \times 0$$





โยงจับคู่ โจทย์กับผลคูณ





$$5 \times 10$$

$$7 \times 20$$

$$3 \times 90$$

$$4 \times 80$$

$$9 \times 60$$

270

540

50

140

320

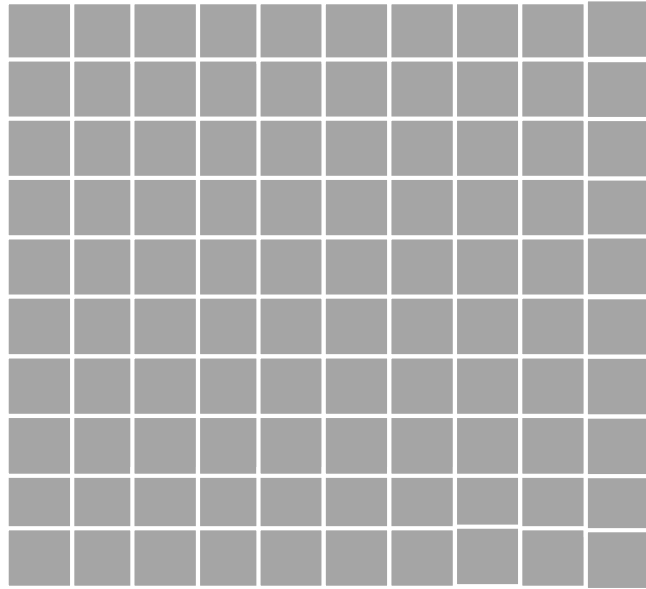




สรุป วิธีหาผลคูณของจำนวนหนึ่งหลักกับ 0, 10, 20, 30, ... , 90 ซึ่งจะได้ว่า

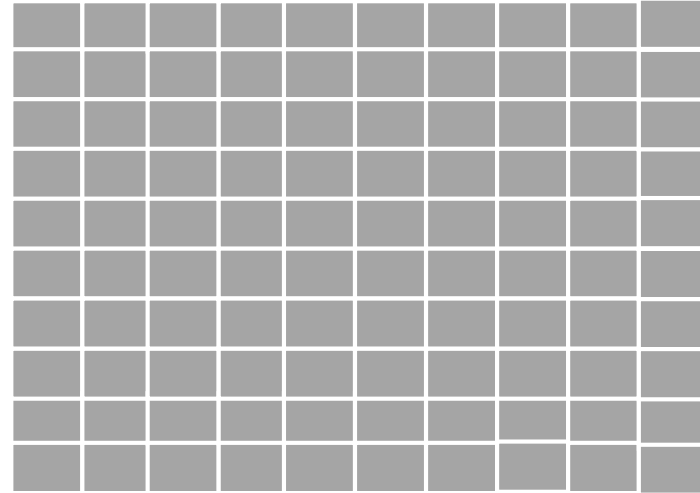
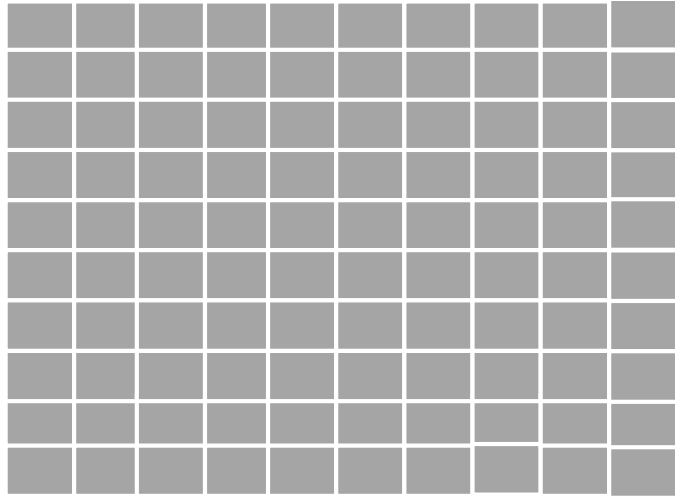
- จำนวนใด ๆ คูณกับ 0 ได้ผลคูณเป็น 0
- จำนวนใด ๆ คูณกับ 10, 20, 30, ... , 90 สามารถหาผลคูณได้โดยนำจำนวนนั้นคูณกับ 1, 2, 3, ... , 9 ตามลำดับ แล้วเติม 0 ท้าย 1 ตัว





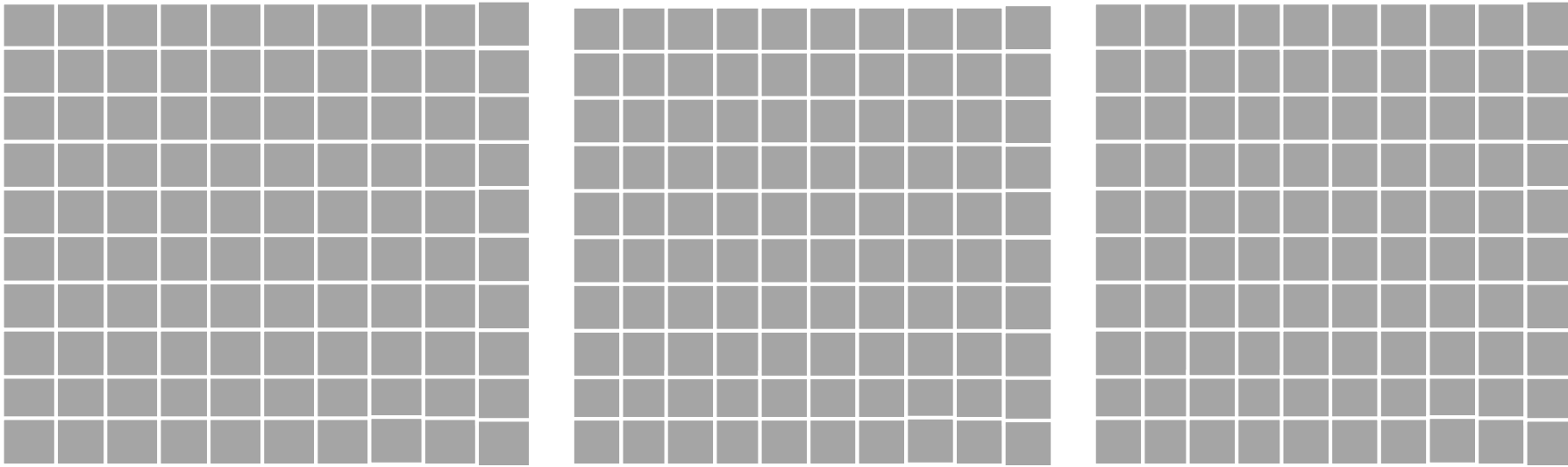
100 หรือ $1 \times 100 = 100$





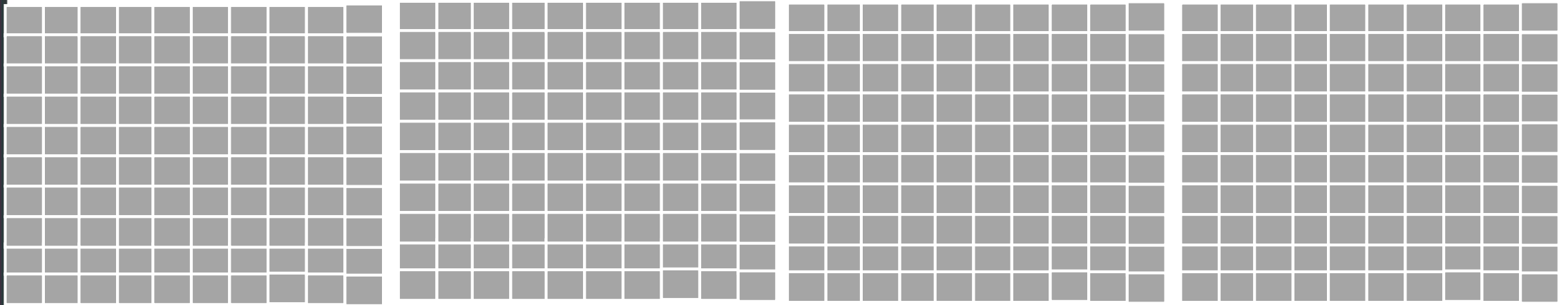
$$100 + 100 \quad \text{หรือ} \quad 2 \times 100 = 200$$





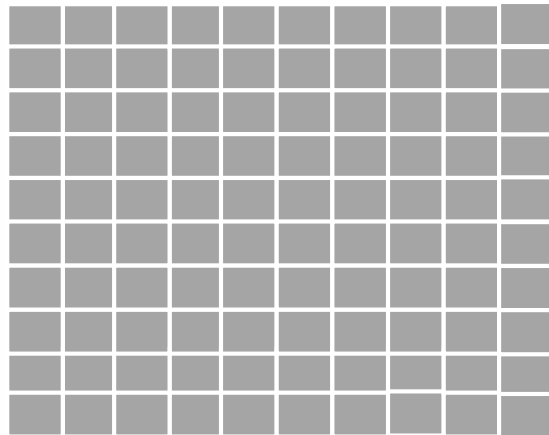
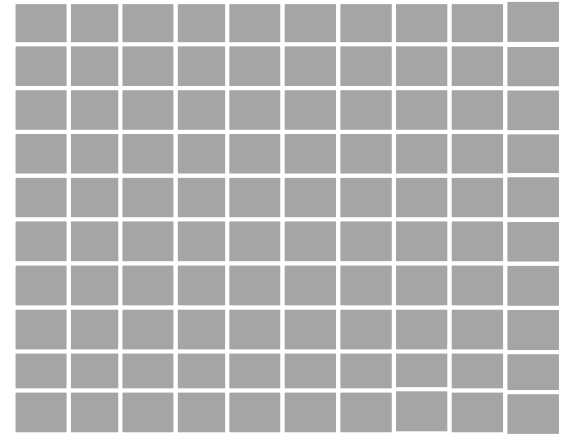
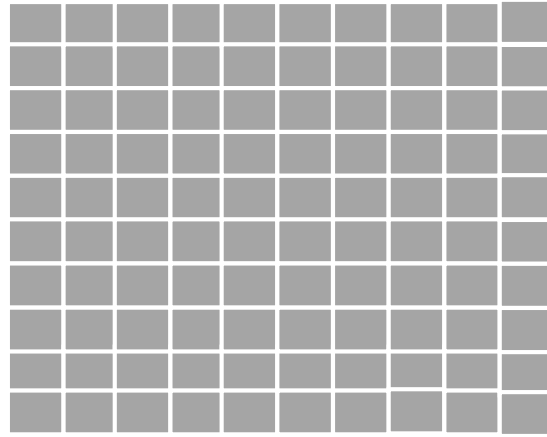
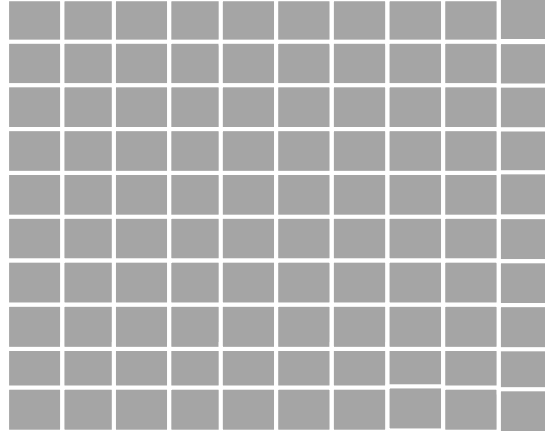
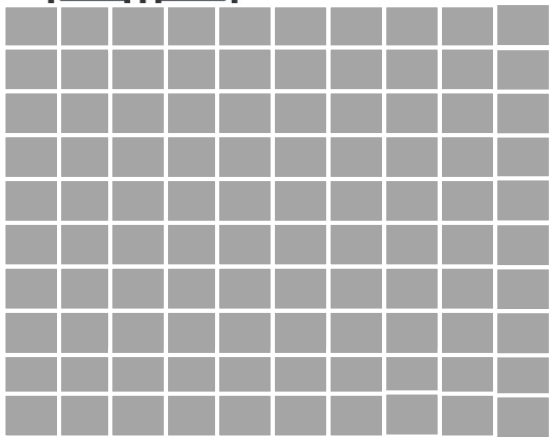
$$100 + 100 + 100 \text{ หรือ } 3 \times 100 = 300$$





$$100 + 100 + 100 + 100 \text{ หรือ } 4 \times 100 = 400$$

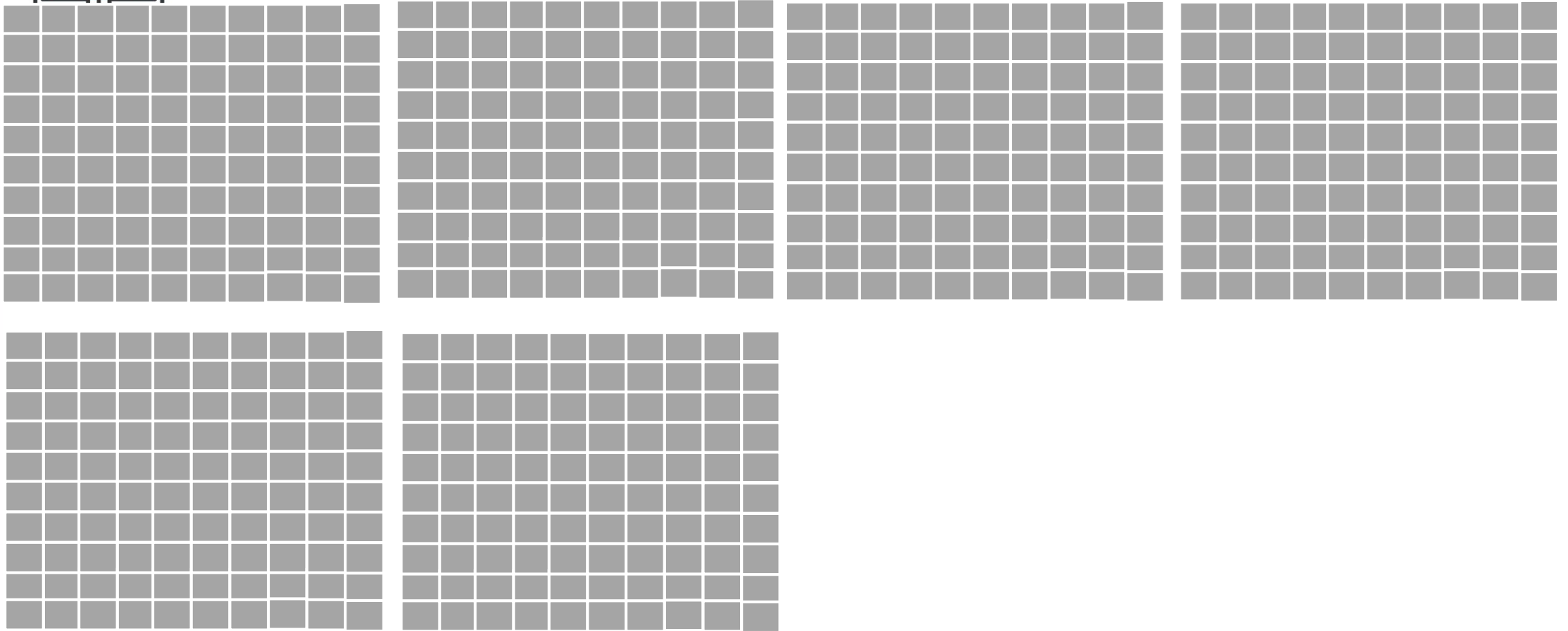




$$100 + 100 + 100 + 100 + 100$$

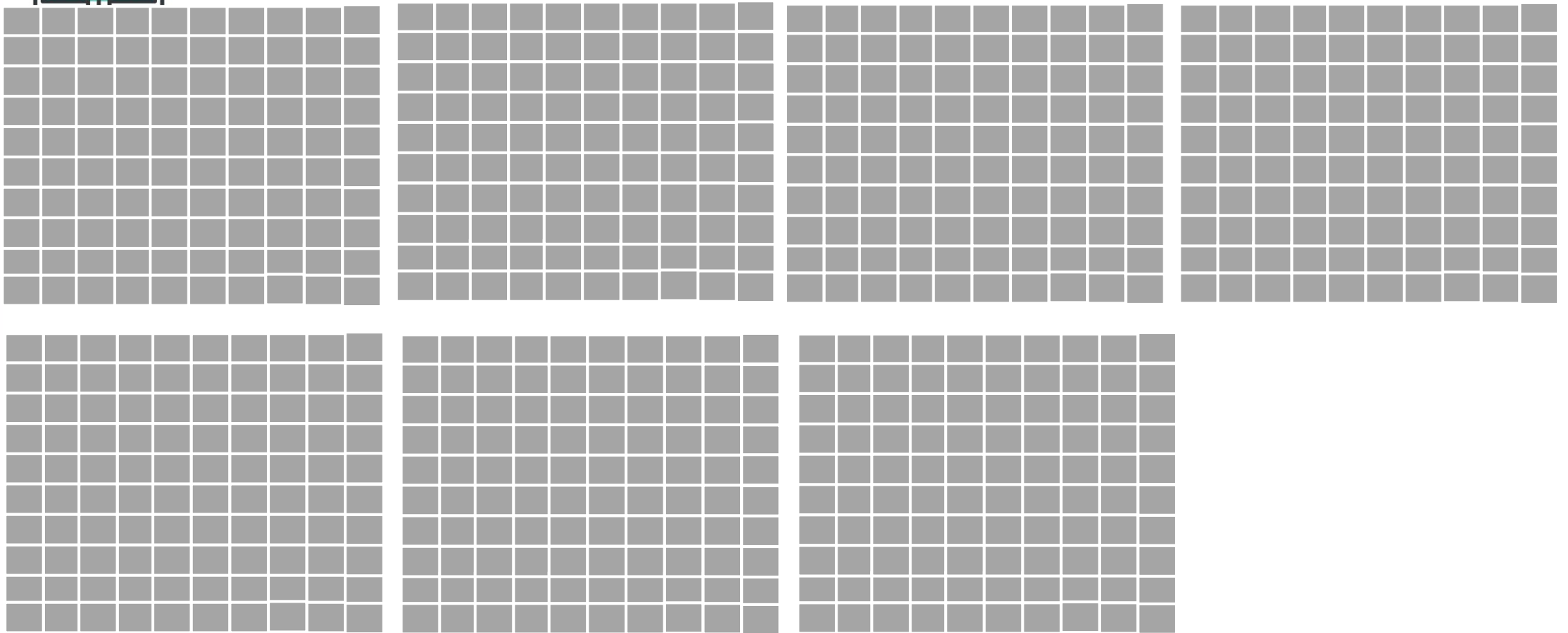
$$\text{หรือ } 5 \times 100 = 500$$





$$100 + 100 + 100 + 100 + 100 + 100 \text{ หรือ } 6 \times 100 = 600$$

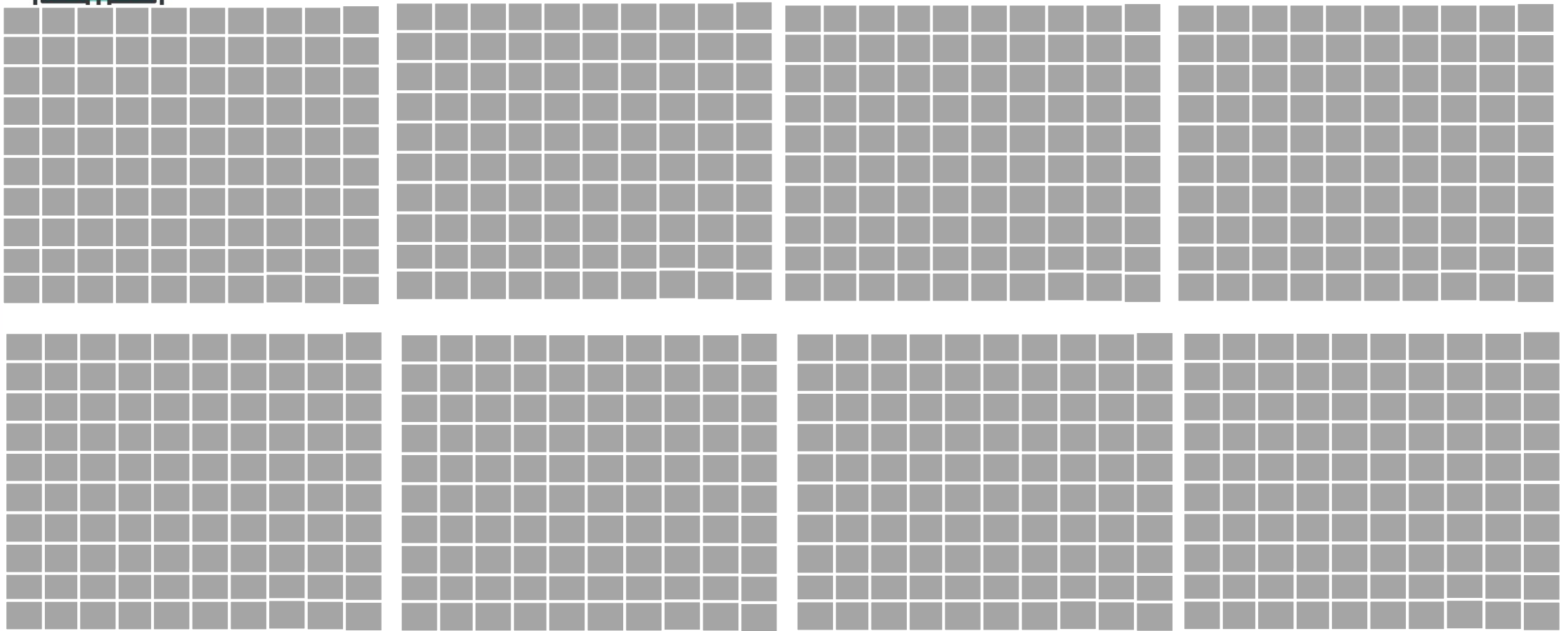




$$100 + 100 + 100 + 100 + 100 + 100 + 100$$

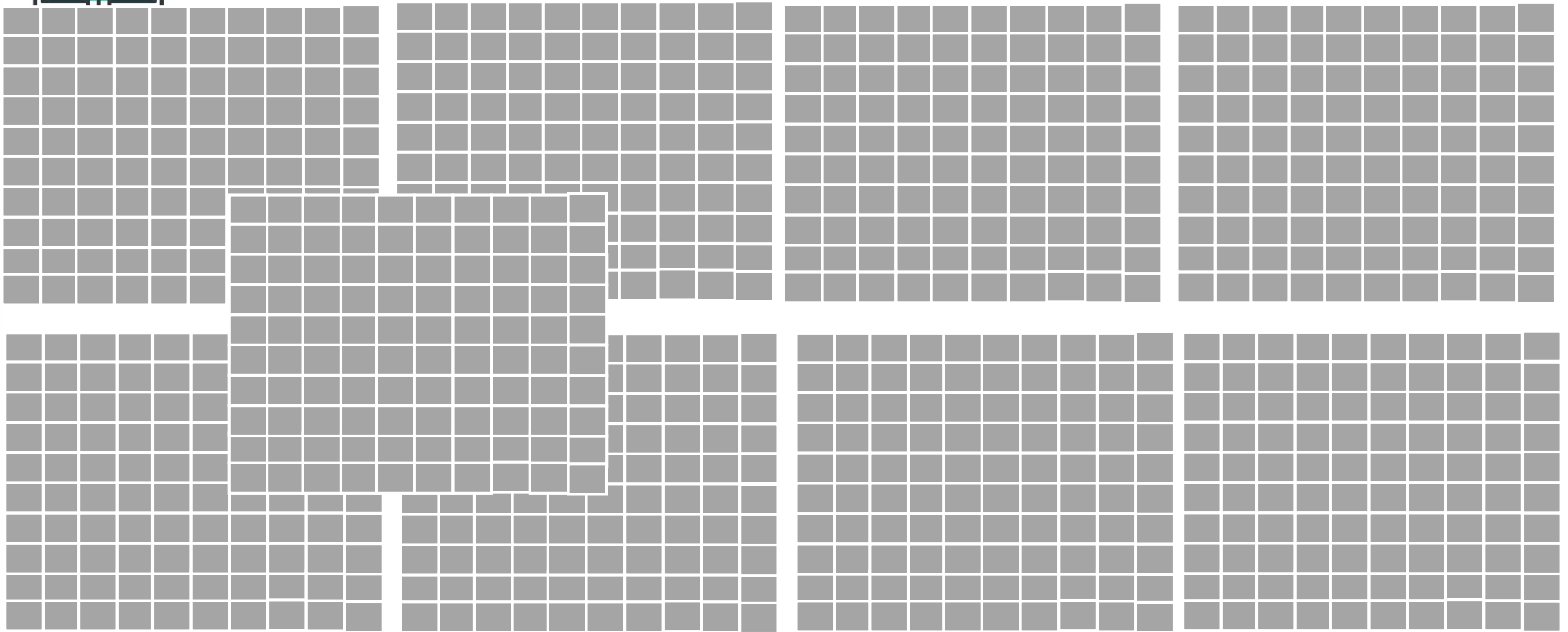
$$\text{หรือ } 7 \times 100 = 700$$





$$100 + 100 + 100 + 100 + 100 + 100 + 100 + 100$$

$$\text{หรือ } 8 \times 100 = 800$$

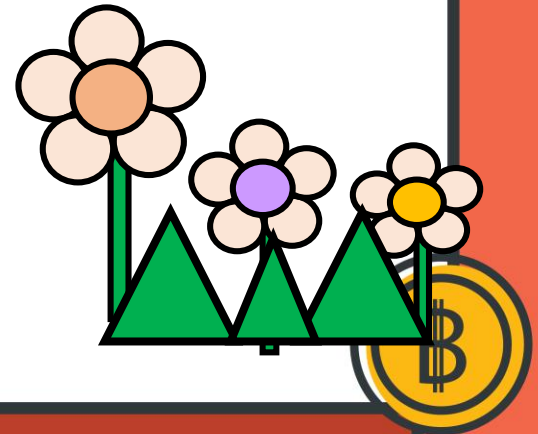
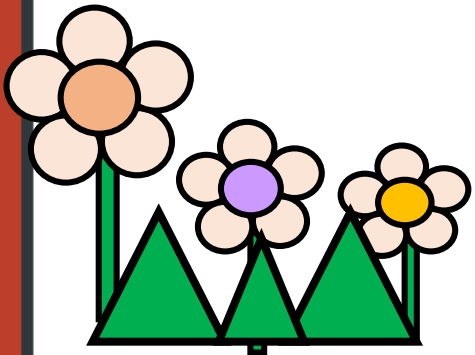


$$100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100 + 100$$

$$\text{หรือ } 9 \times 100 = 900$$



สรุปการคูณจำนวนหนึ่งหลักกับ 100 ดังนี้



$$1 \times 100 = 100 \qquad \qquad \qquad = 100$$

$$2 \times 100 = 100+100 \qquad \qquad \qquad = 200$$

$$3 \times 100 = 100+100+100 \qquad \qquad \qquad = 300$$

$$4 \times 100 = 100+100+100+100 \qquad \qquad \qquad = 400$$

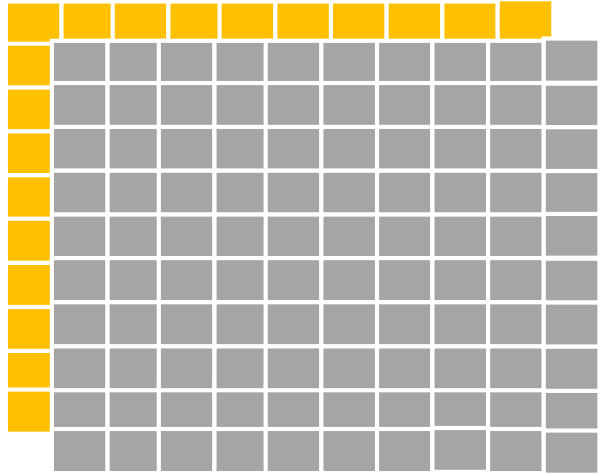
$$5 \times 100 = 100+100+100+100+100 \qquad \qquad \qquad = 500$$

$$6 \times 100 = 100+100+100+100+100+100 \qquad \qquad \qquad = 600$$

$$7 \times 100 = 100+100+100+100+100+100+100 \qquad \qquad \qquad = 700$$

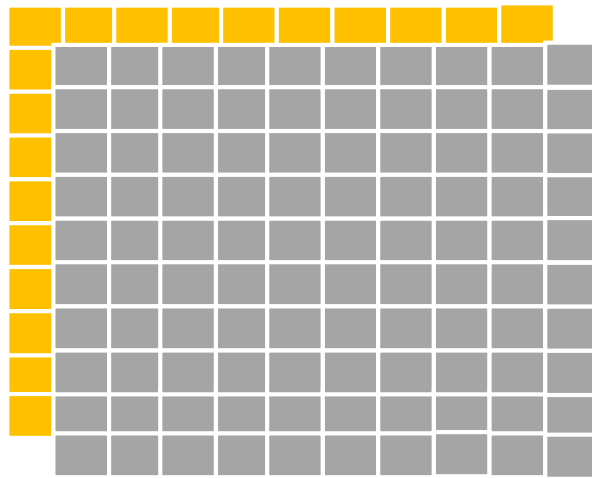
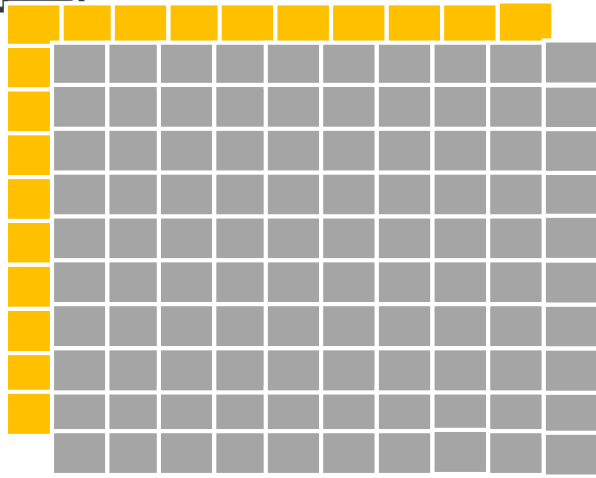
$$8 \times 100 = 100+100+100+100+100+100+100+100 \qquad \qquad \qquad = 800$$

$$9 \times 100 = 100+100+100+100+100+100+100+100+100 = 900$$



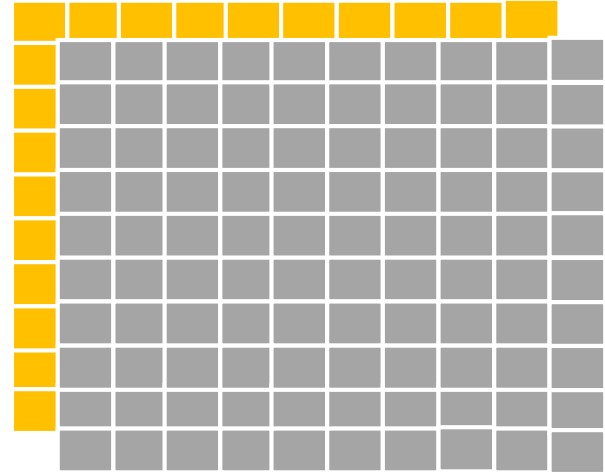
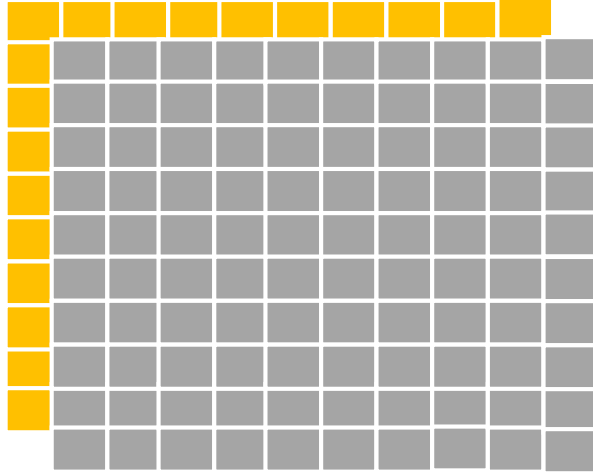
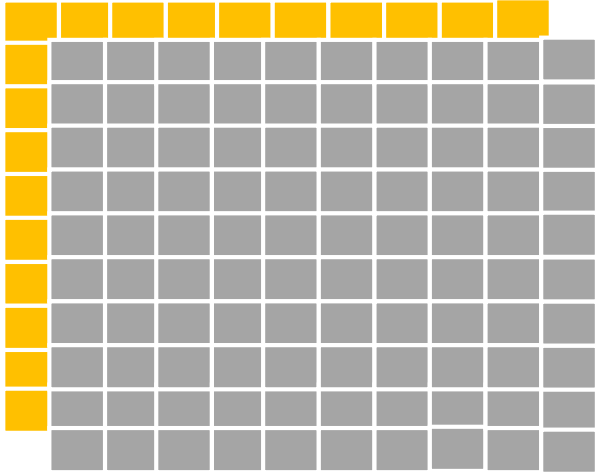
200 หรือ $1 \times 200 = 200$

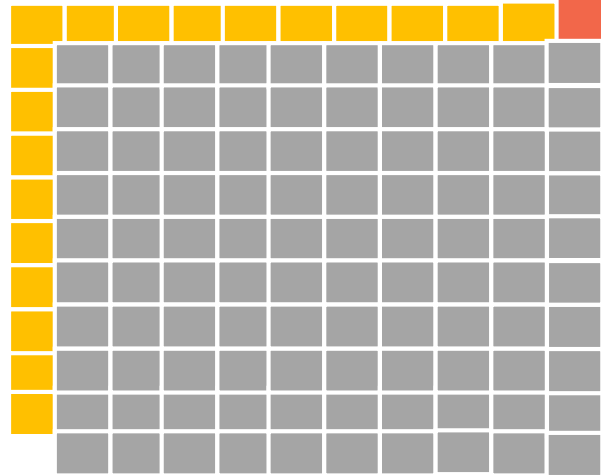
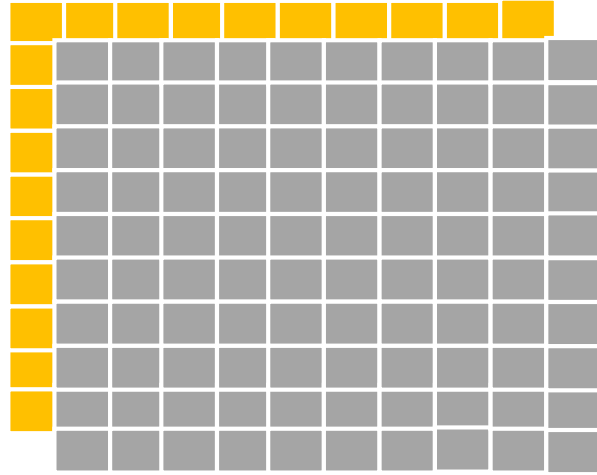
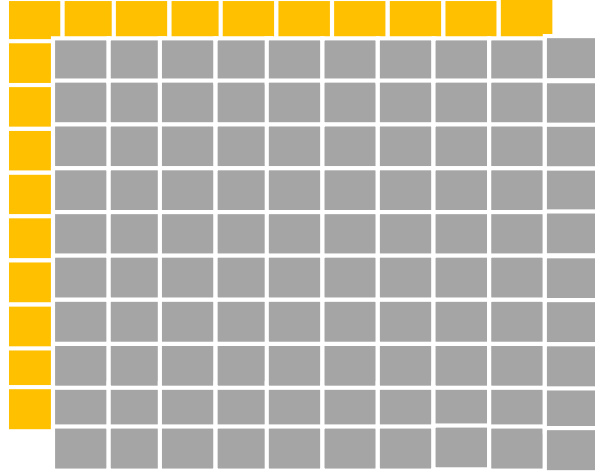
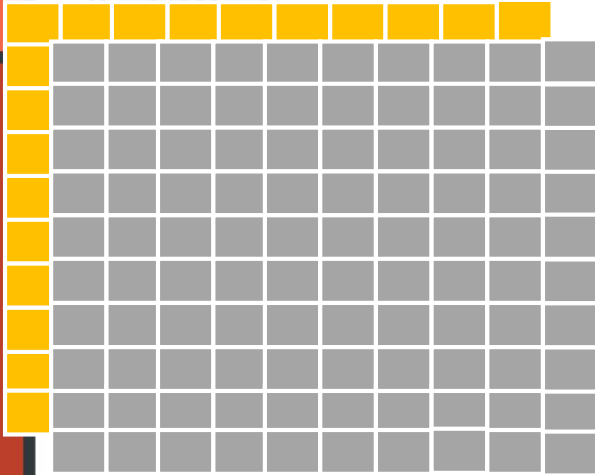


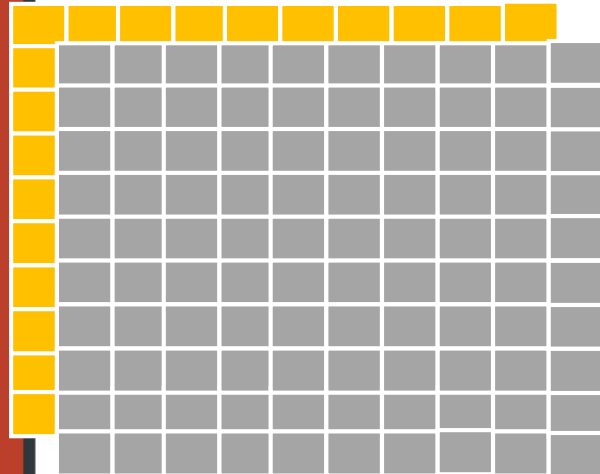
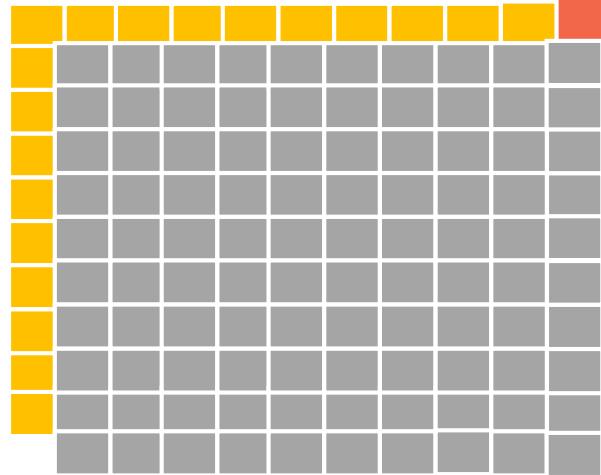
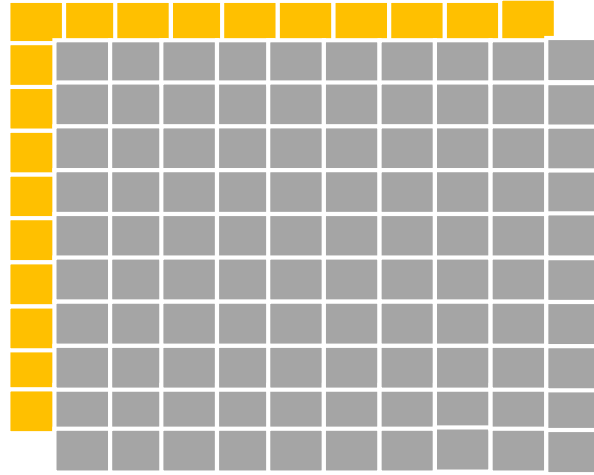
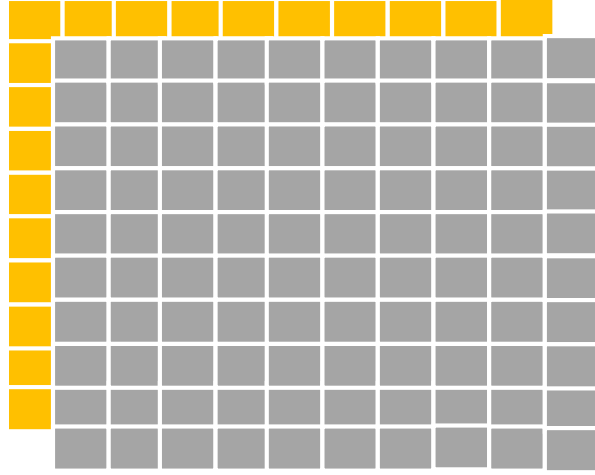
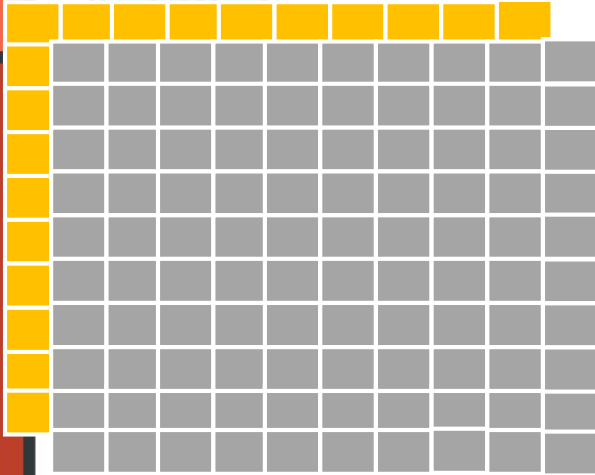


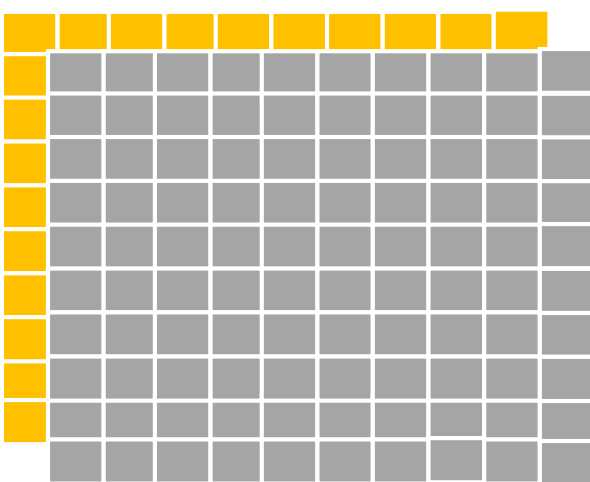
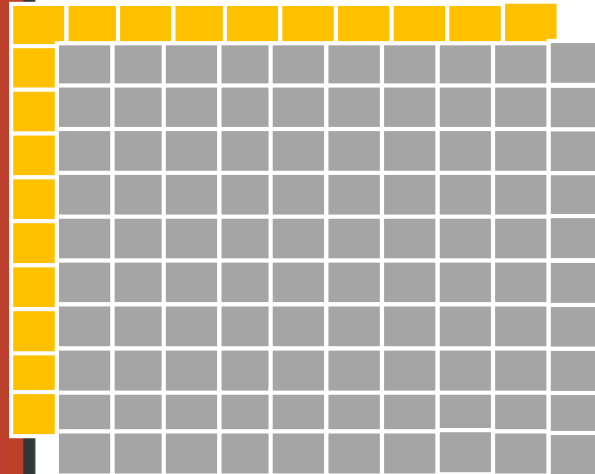
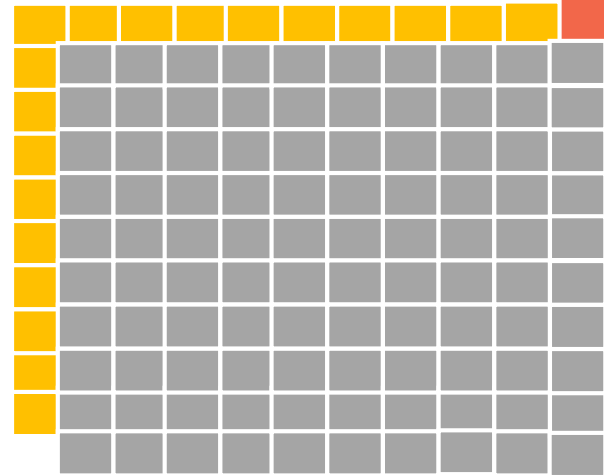
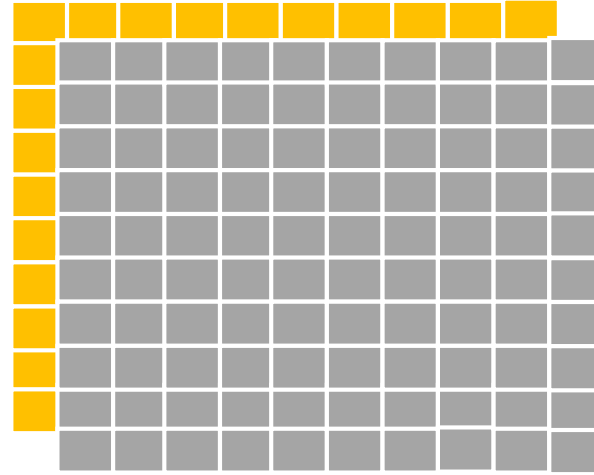
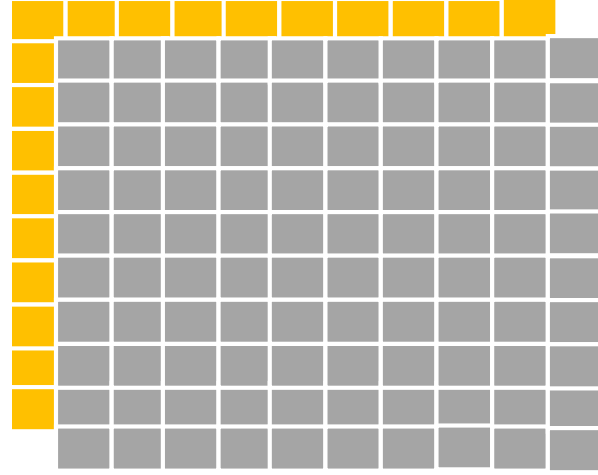
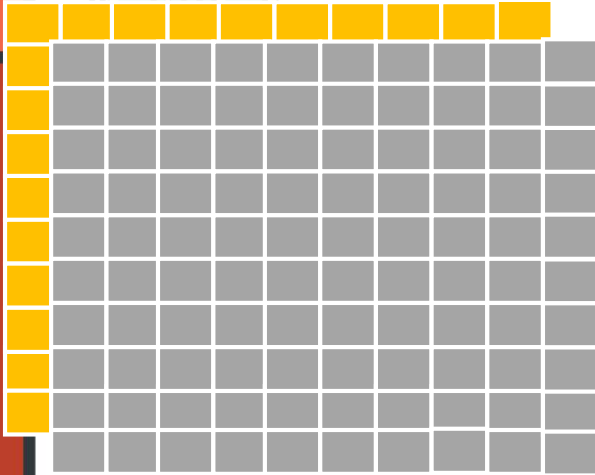
$$200 + 200 \quad \text{หรือ} \quad 2 \times 200 = 400$$

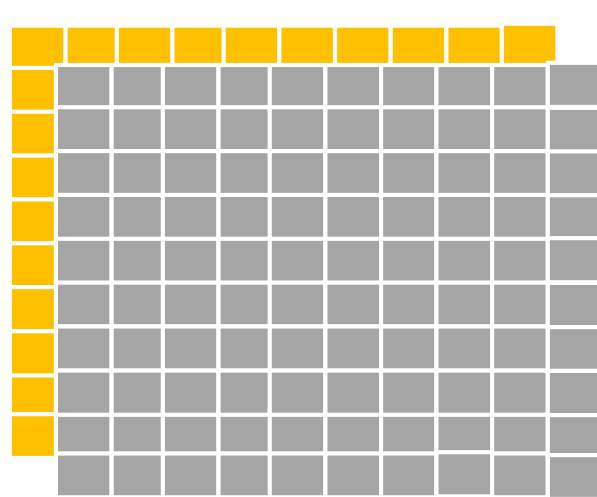
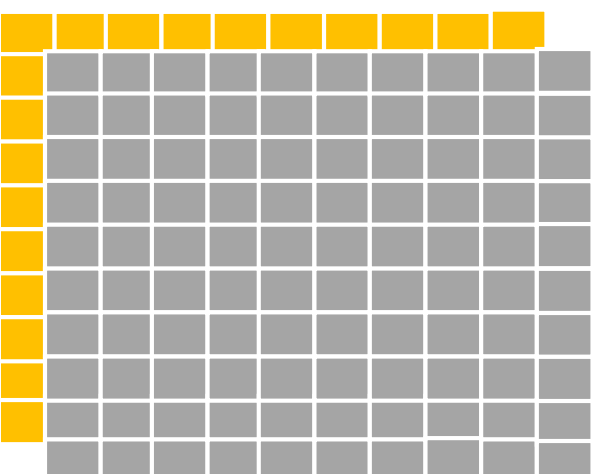
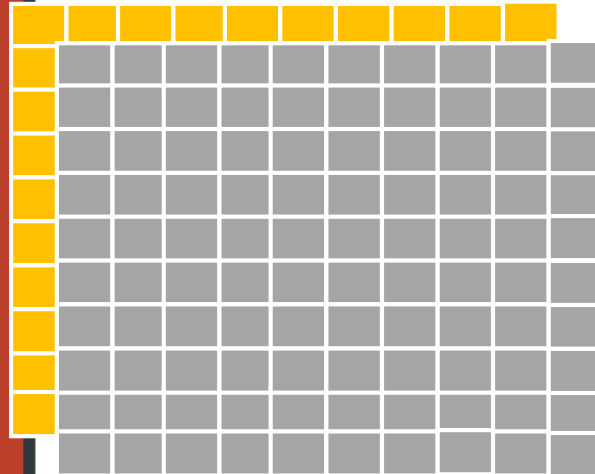
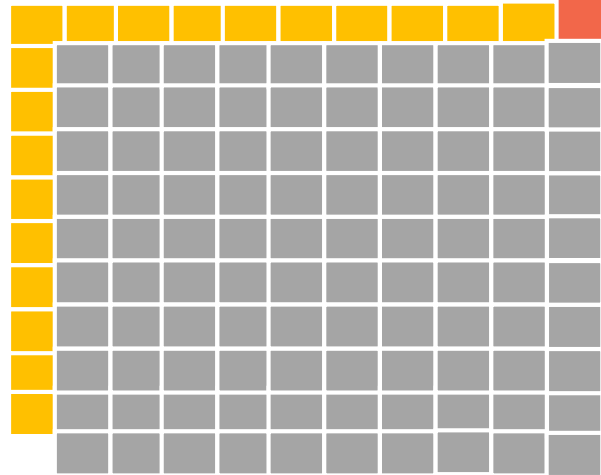
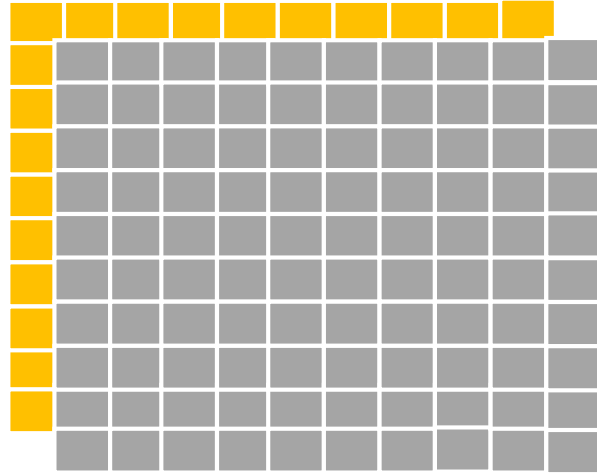
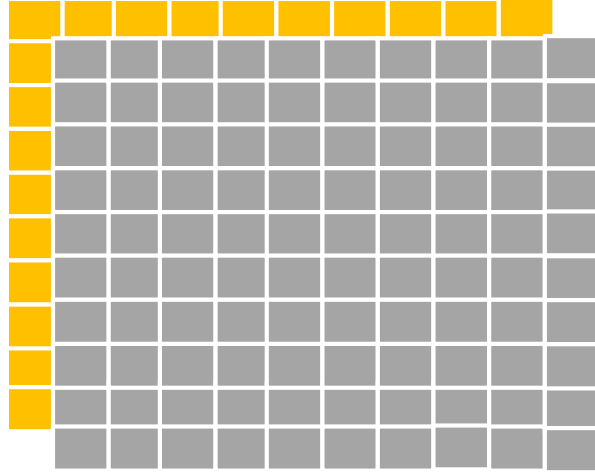
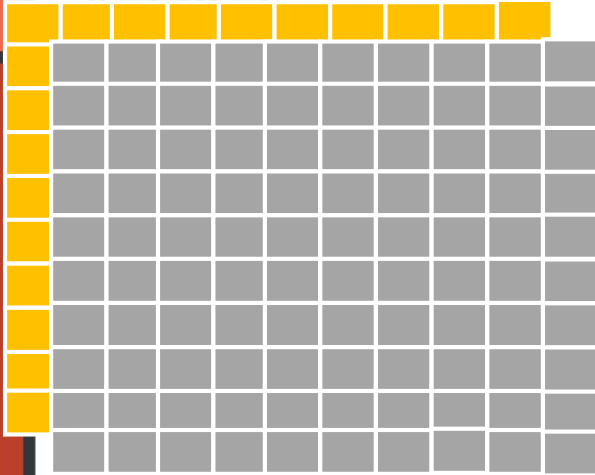


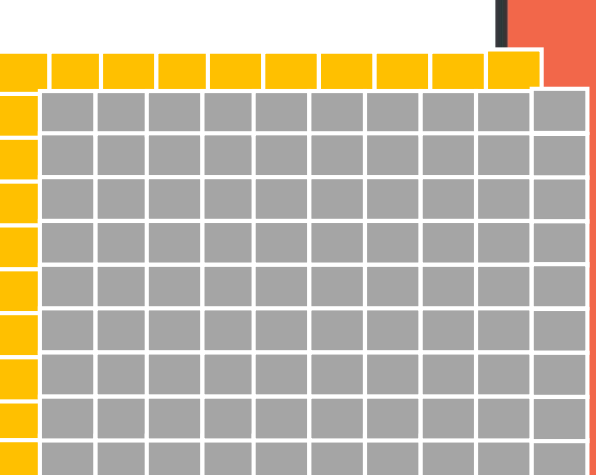
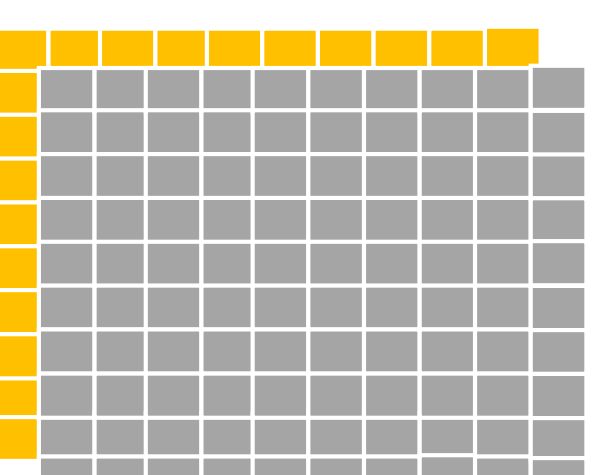
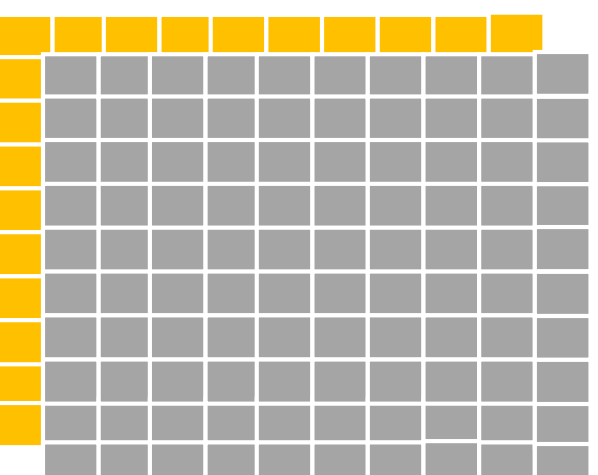
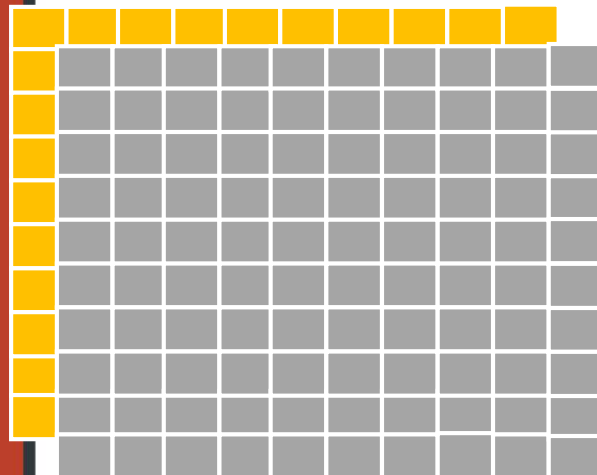
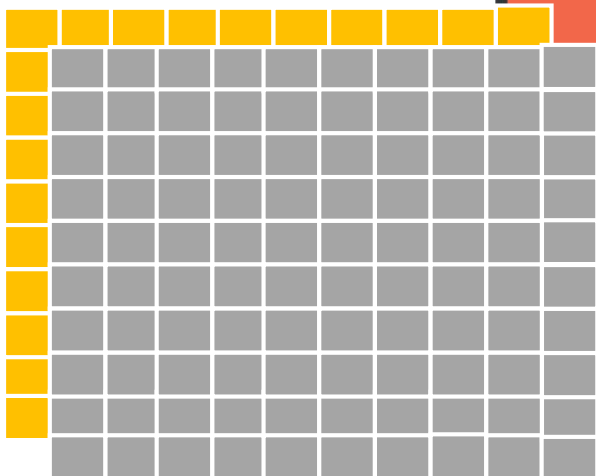
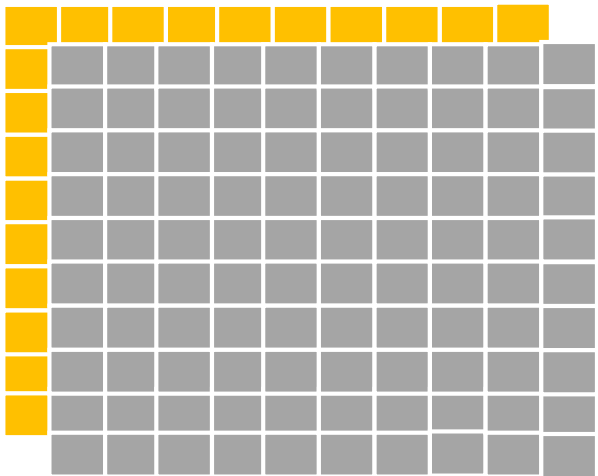
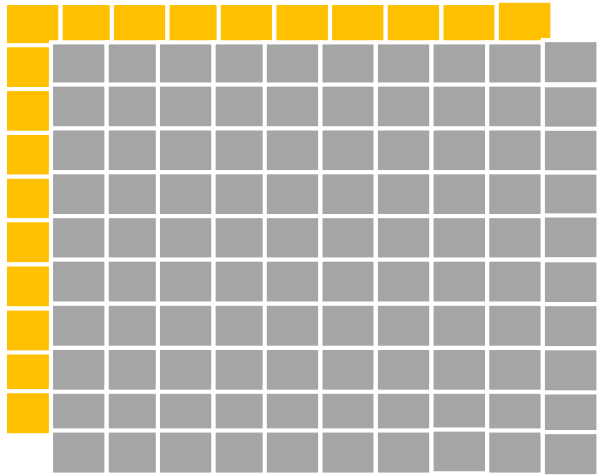
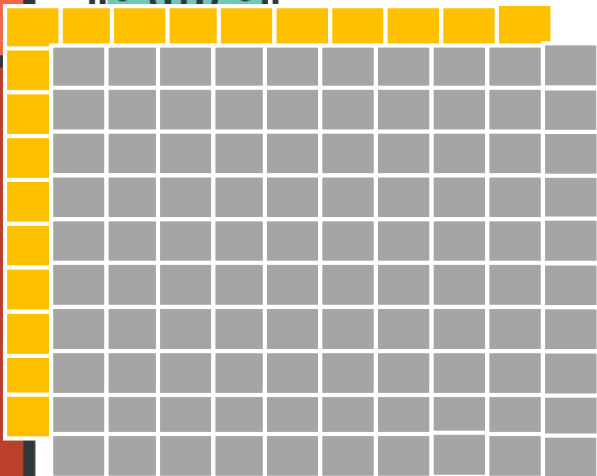


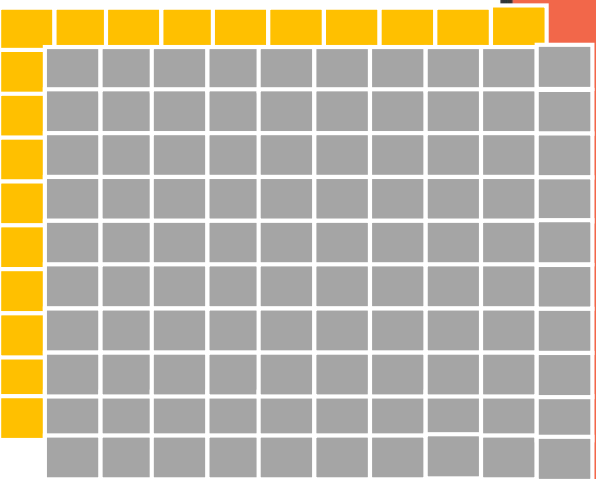
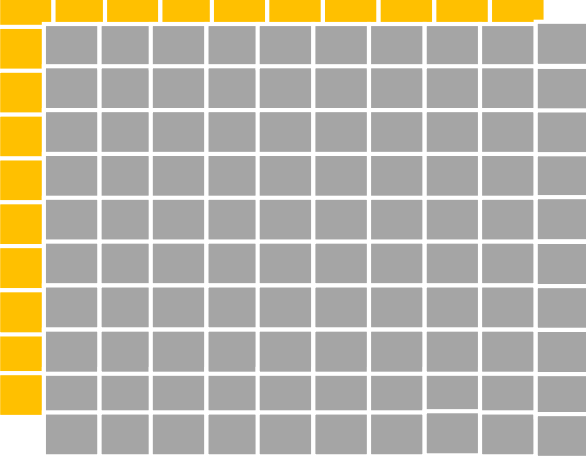
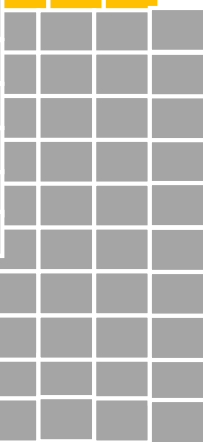
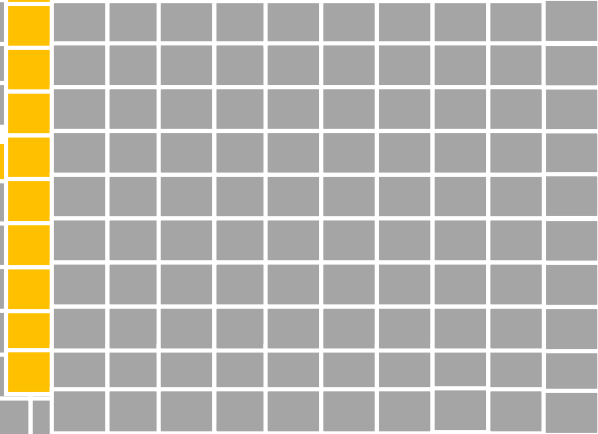
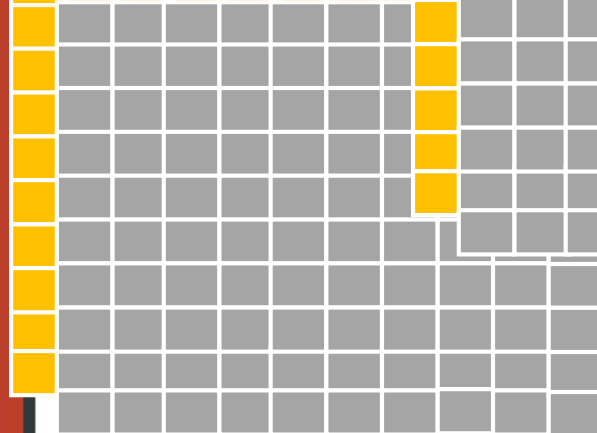
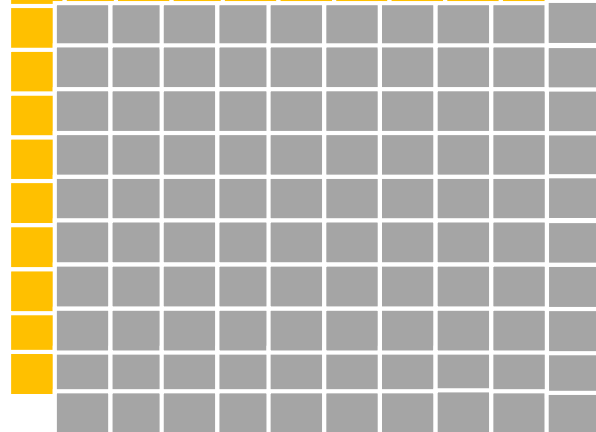
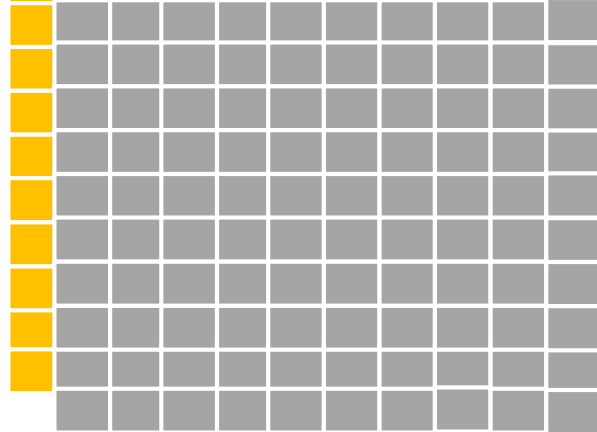
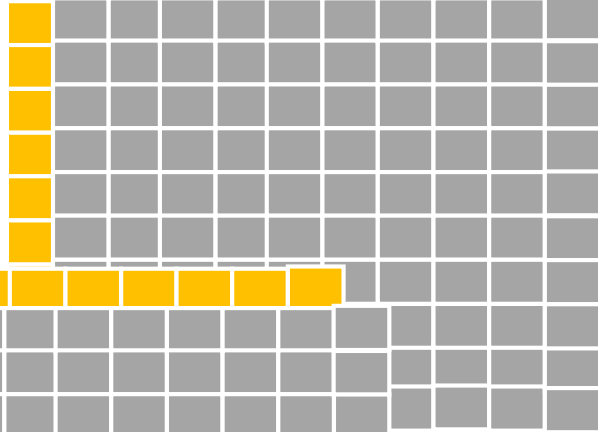
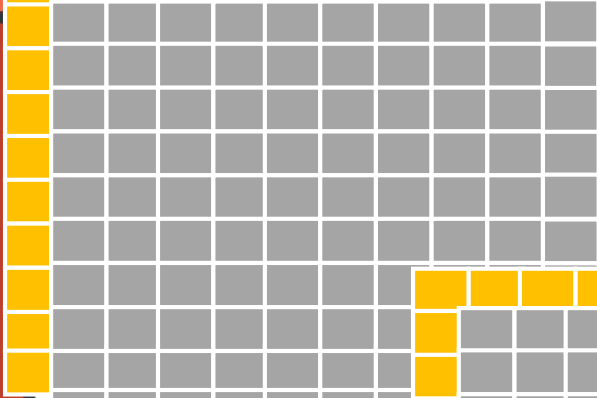














สรุปการคูณจำนวนหนึ่งหลักกับ 200 ดังนี้




$$1 \times 200 = 200 \qquad \qquad \qquad = 200$$

$$2 \times 200 = 200 + 200 \qquad \qquad \qquad = 400$$

$$3 \times 200 = 200 + 200 + 200 \qquad \qquad \qquad = 600$$

$$4 \times 200 = 200 + 200 + 200 + 200 \qquad \qquad \qquad = 800$$

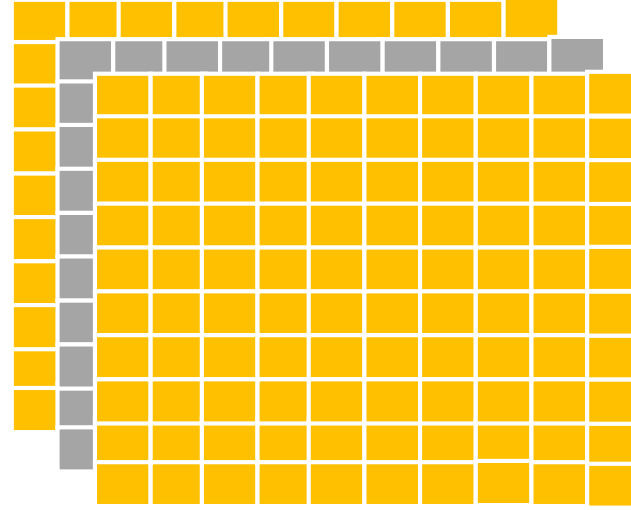
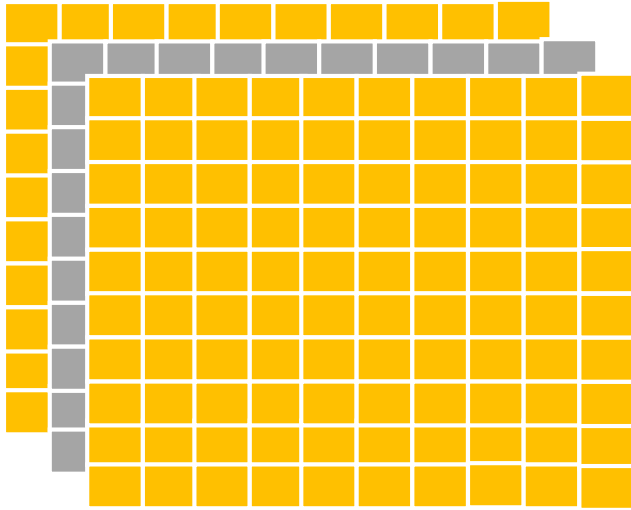
$$5 \times 200 = 200 + 200 + 200 + 200 + 200 \qquad \qquad \qquad = 1,000$$

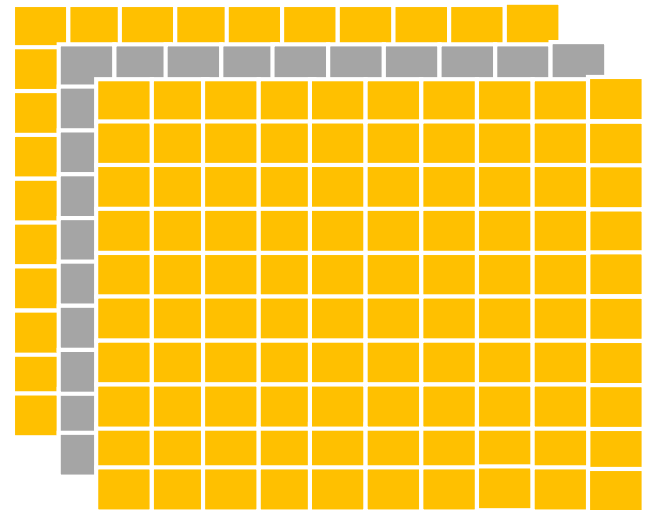
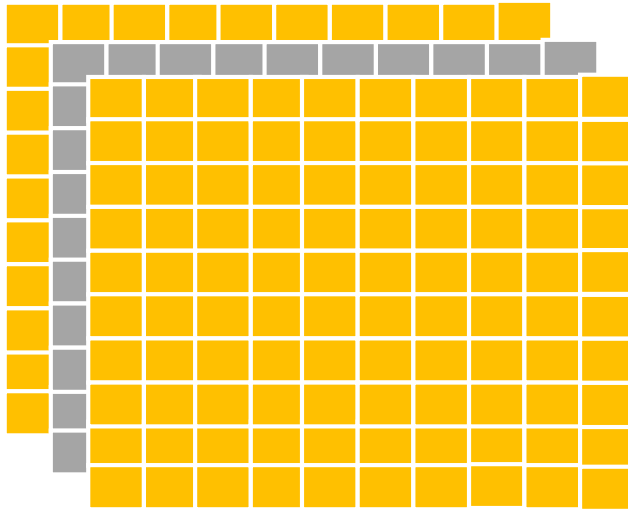
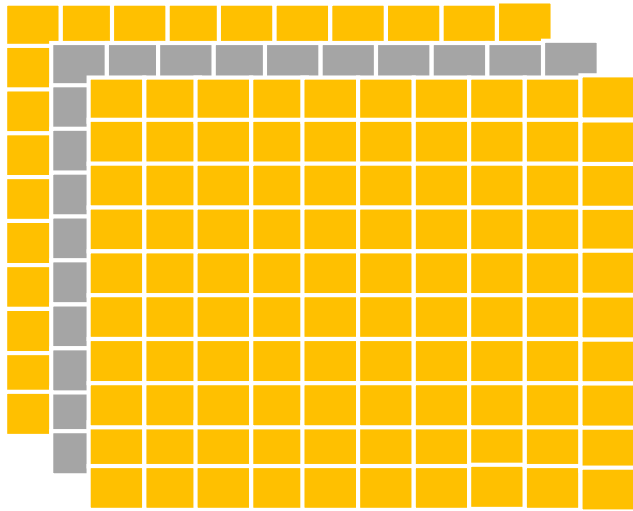
$$6 \times 200 = 200 + 200 + 200 + 200 + 200 + 200 \qquad \qquad \qquad = 1,200$$

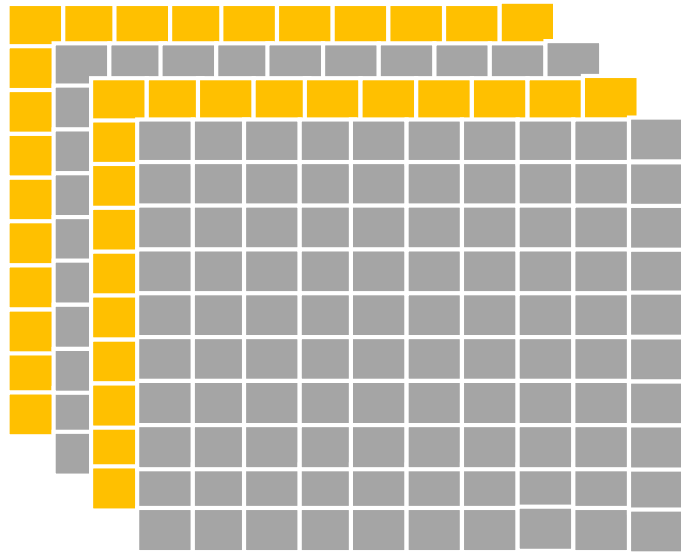
$$7 \times 200 = 200 + 200 + 200 + 200 + 200 + 200 + 200 \qquad \qquad \qquad = 1,400$$

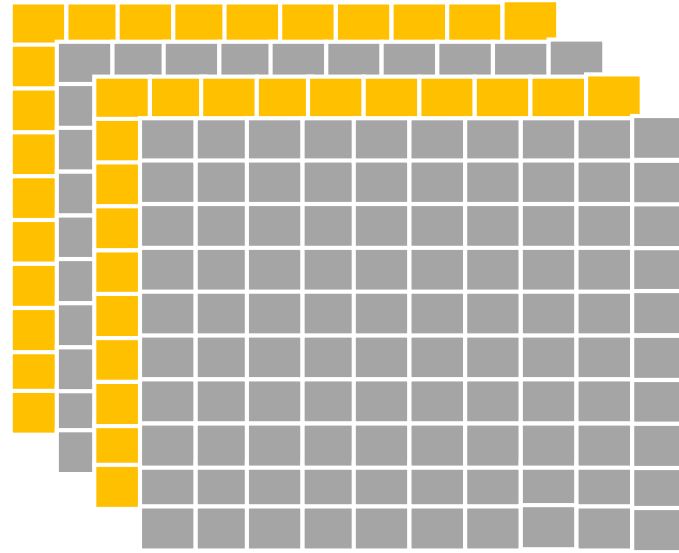
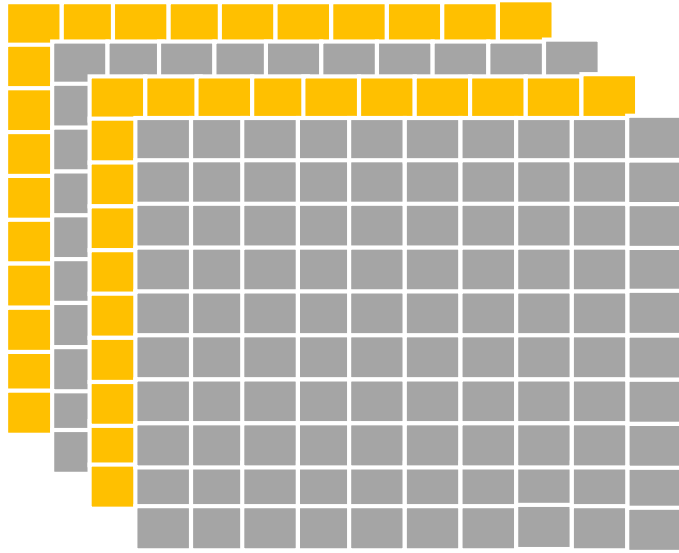
$$8 \times 200 = 200 + 200 + 200 + 200 + 200 + 200 + 200 + 200 \qquad \qquad \qquad = 1,600$$

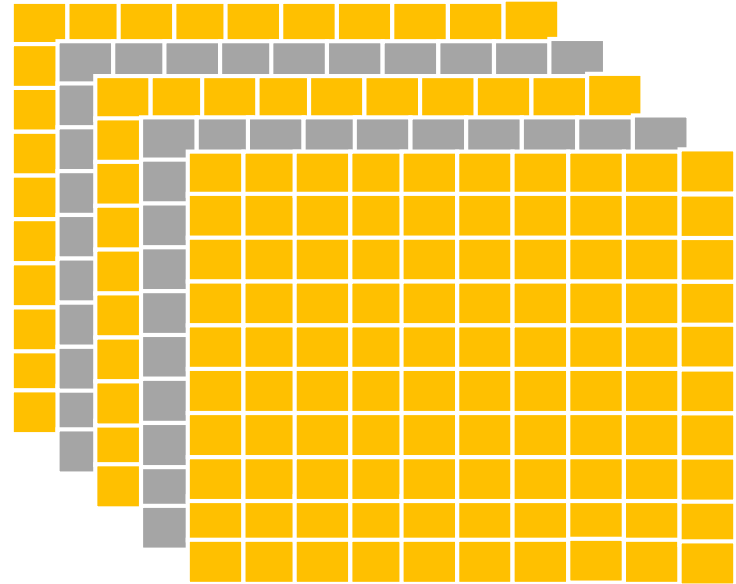
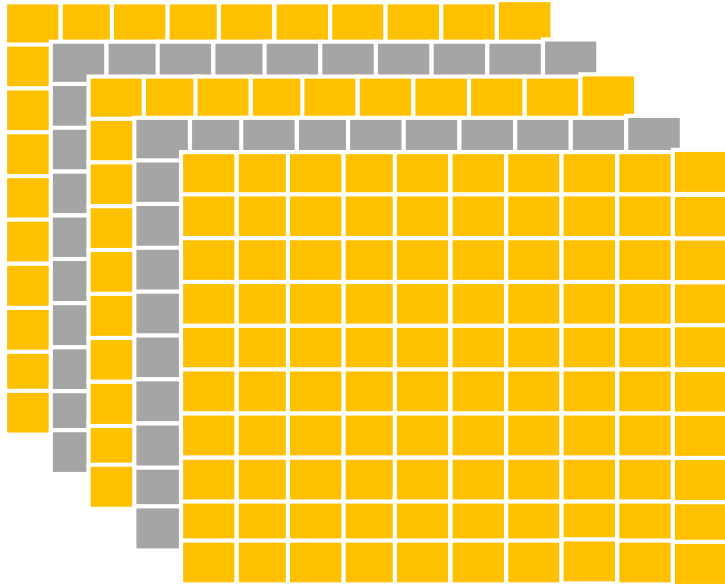
$$9 \times 200 = 200 + 200 + 200 + 200 + 200 + 200 + 200 + 200 + 200 = 1,800$$

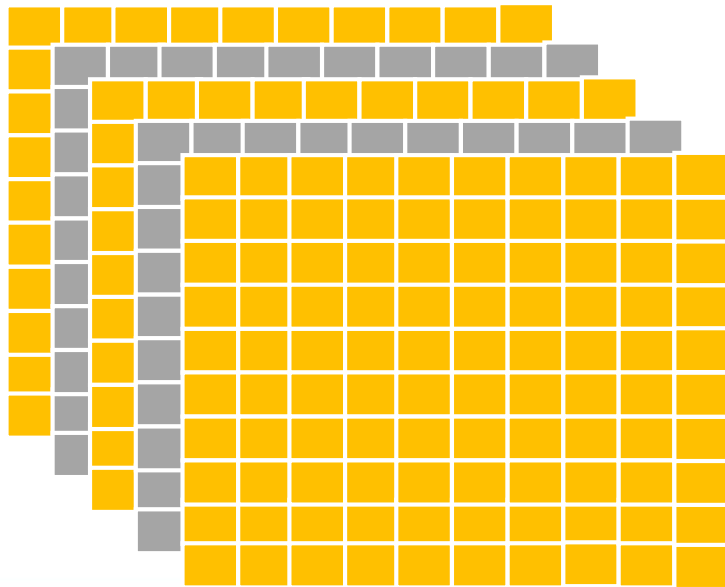
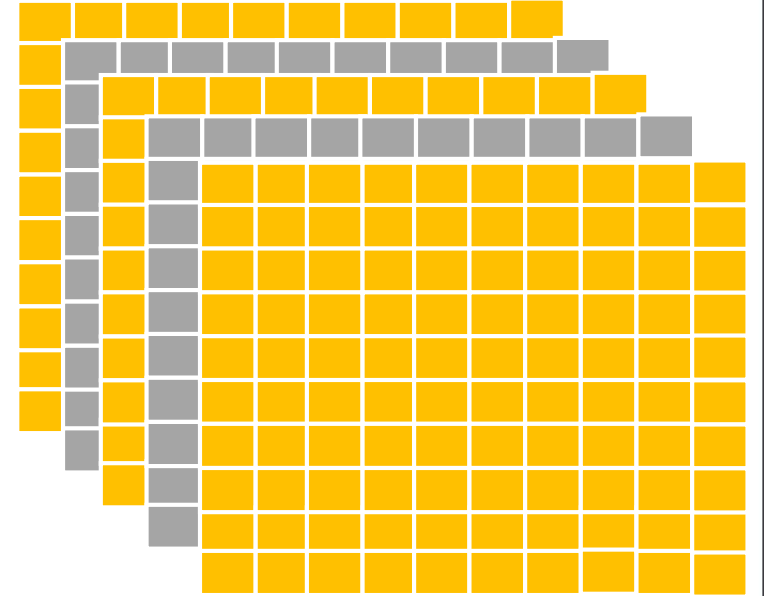
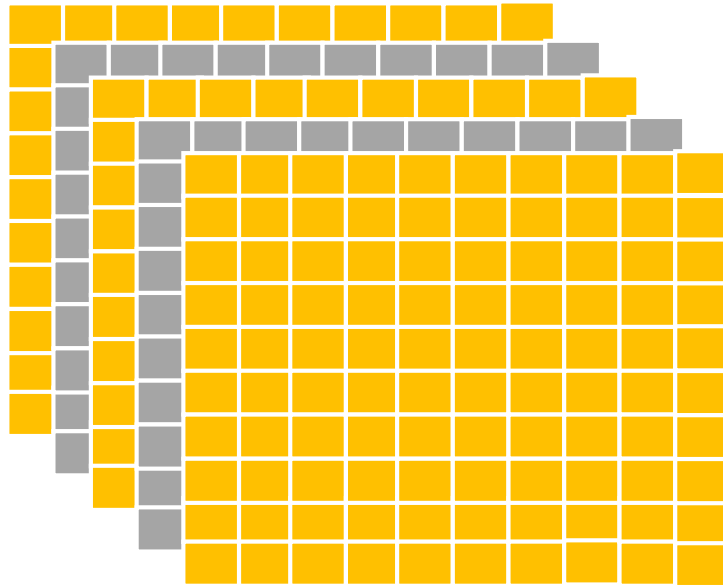
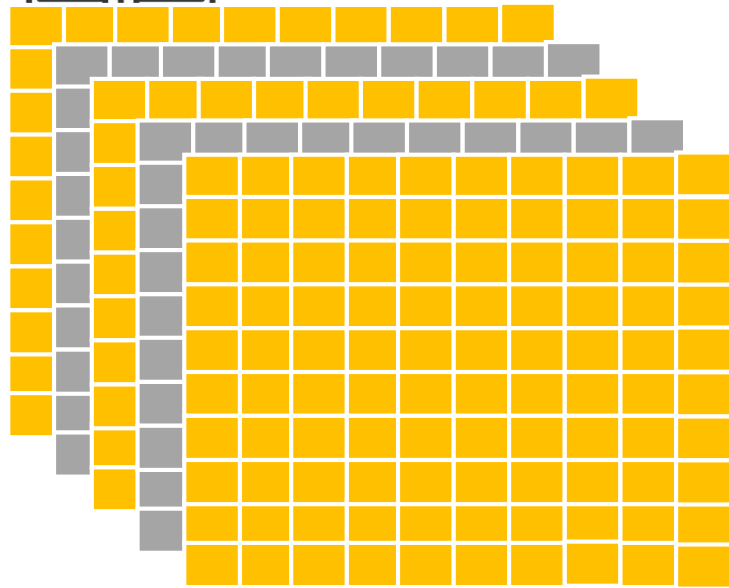















ให้นักเรียนเขียนแสดงการหาผลคูณโดยวิธีบวกซ้ำ
พร้อมหาผลคูณ ดังนี้





1. $5 \times 600 =$

$=$

2. $6 \times 600 =$

$=$





4. $4 \times 700 =$

$=$

5. $5 \times 700 =$

$=$





$$6. 2 \times 800 = \dots\dots\dots$$

$$= \dots\dots\dots$$

$$7. 7 \times 800 = \dots\dots\dots$$

$$= \dots\dots\dots$$





$$8. 3 \times 900 = \dots\dots\dots$$

$$= \dots\dots\dots$$

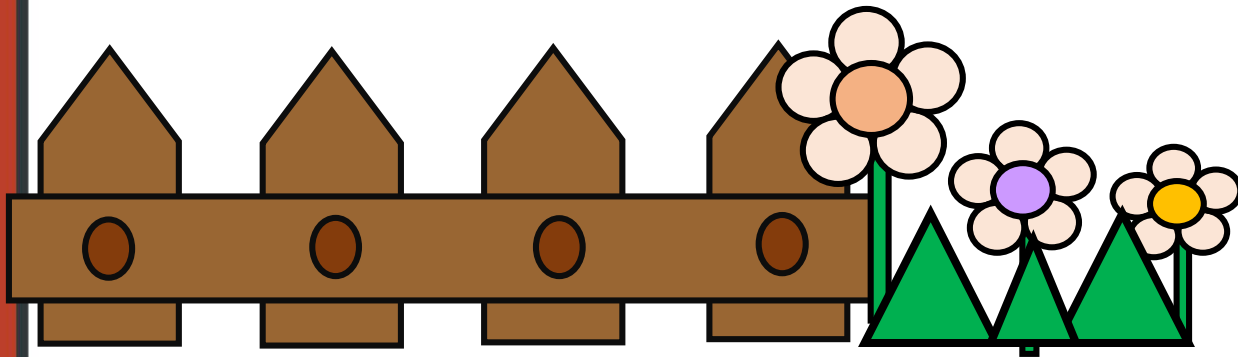
$$9. 4 \times 900 = \dots\dots\dots$$

$$= \dots\dots\dots$$



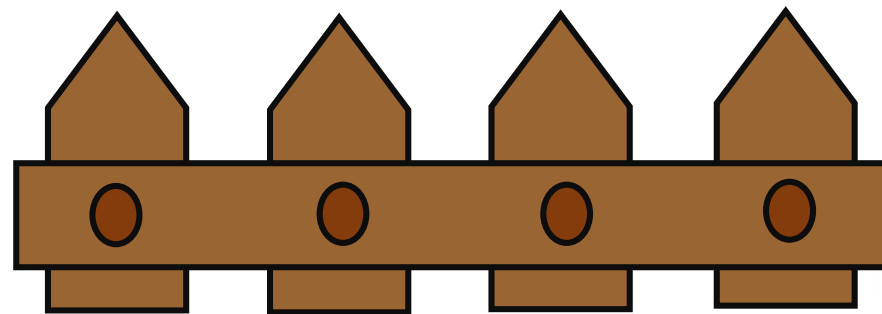
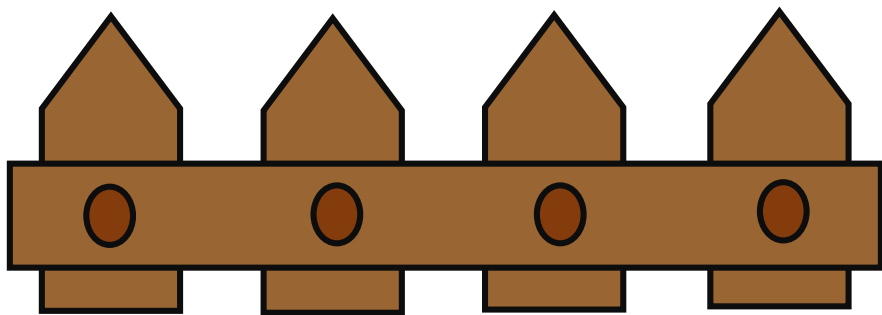


การคูณจำนวนหนึ่งหลักกับ 100, 200, 300, 400 ,
... , 900 ผลคูณที่ได้จะมี 0 ต่อท้าย 2 ตัว





แบบฝึกหัด 2.3



แบบฝึกหัด 2.3

หาผลคูณโดยใช้วิธีบวกซ้ำ

ตัวอย่าง

$$2 \times 300 = 300 + 300 = 600$$

1

$$5 \times 400 = \underline{\hspace{2cm}}$$

2

$$3 \times 500 = \underline{\hspace{2cm}}$$

3

$$7 \times 200 = \underline{\hspace{2cm}}$$

4 $6 \times 300 =$ _____

5 $9 \times 100 =$ _____

6 $7 \times 600 =$ _____

7 $4 \times 800 =$ _____



8 $8 \times 500 =$ _____

9 $9 \times 700 =$ _____

10 $5 \times 900 =$ _____

