

Delivery Game (sticks and bundles)

I can add or subtract ones and/or tens using materials. I can also write the matching addition and subtraction sentences.

KNP # T 5523.2 – Delivery Game, BLUE

Fluency Standard: 2.NBT.5

Standards: 2.NBT.5

Materials: Delivery Truck game board, game cards, bundles and sticks tub, paper, pencil

Directions:

1. Get the tub of bundles and sticks and place where all players can reach.
2. Give each player a Delivery Truck game board.
3. Each player will place 5 bundles and 5 loose sticks on her or his game board.
4. On your turn, draw a game card and follow the directions. Determine your new amount of sticks. Write the matching number sentence.
5. Take turns.
6. Play until all cards are gone. Player with the most sticks wins.

Lesson Plan

Teacher:	Class/Group:	Date:
KNPIG ID #: T 5523.2 (Delivery Game (sticks & bundles))		Task Group Name: Delivery Game
AVMR Strand: Base Ten Arithmetical Strategies		AVMR Construct Level/Color: 1 to 2 Blue
Fluency Benchmark for RTI: 2.NBT.5 Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.		
KAS(s): 1) 2.NBT.5 Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.		KAS Domain and Cluster: Number & Operations in Base Ten 1) Use place value understanding and properties of operations to add and subtract.
Learning Target: I can add or subtract ones and/or tens using materials. I can also write the matching addition and subtraction sentences.		
Setting/Materials: Delivery Game: 2 truck picture mats and tens and ones customer order cards, one set per pair of students; 20 bundles of ten popsicle sticks, 50 loose sticks and 4 hair-holders per pair; writing space		
Activity: Delivery Game: Each player starts by placing 5 bundles and 5 loose sticks on his/her truck. The customer order cards are placed face down between the players. Players take turns taking a card and following the instructions. Write a "shipping report" of each stop--the addition or subtraction sentence for the truck contents. Play continues until all cards have been used. The player with the greatest number of sticks wins the game.		
Evidence of Learning (Diagnostic Assessment of Progress): Show and hide a collection of 14 (1 bundle and 4 loose) sticks. Show and add 11 (1 bundle and 1 stick) to the hidden collection. Ask how many in all Show and add 27 (2 bundle and 7 stick) to the hidden collection. Ask how many in all.		
Teacher Notes: Also assess student thinking for subtracting from a hidden collection, including "easy" questions that do not require unbundling/decomposing and "hard" questions that do. Carefully select the tasks in an order that allows students to think about related facts. Note that this activity uses cards containing numbers made of tens and ones, whereas the previous version used cards that were either multiples of ten or single digit numbers.		
Printables Link: http://knp.kentuckymathematics.org/knp/uploads/printables_5523.2T.pdf		

Student Instructions Link:

http://knp.kentuckymathematics.org/knp/uploads/si_5523.2T.pdf

T5523.2



Printables for “Delivery Game (sticks & bundles)”

KNPIG ID # T 5523.2 – BLUE

This file contains printables for two students.

For each additional pair of students print truck picture mats and order cards.

- 2 Truck Picture Mats.
- 10s or 1s Customer Order Cards - 2 Pages: 18 cards in total.

Print one set of customer order cards per pair of students.

Teacher need to supply students with 20 bundles of ten popsicle sticks, 50 loose sticks and 4 hair-holders per pair and a writing space.

Teacher Note: Also assess student thinking for subtracting from a hidden collection, including "easy" questions that do not require unbundling/decomposing and "hard" questions that do. Carefully select the tasks in an order that allows students to think about related facts.



Best Delivery Service
We are fast and accurate!



Best Delivery Service
We are fast and accurate!

**Deliver
7 sticks**

**Deliver
10 sticks**

**Deliver
22 sticks**

**Deliver
5 sticks**

**Deliver
20 sticks**

**Deliver
18 sticks**

**Deliver
9 sticks**

**Deliver
10 sticks**

**Deliver
14 sticks**

**Pick up
4 sticks**

**Pick up
10 sticks**

**Pick up
24 sticks**

**Pick up
6 sticks**

**Pick up
20 sticks**

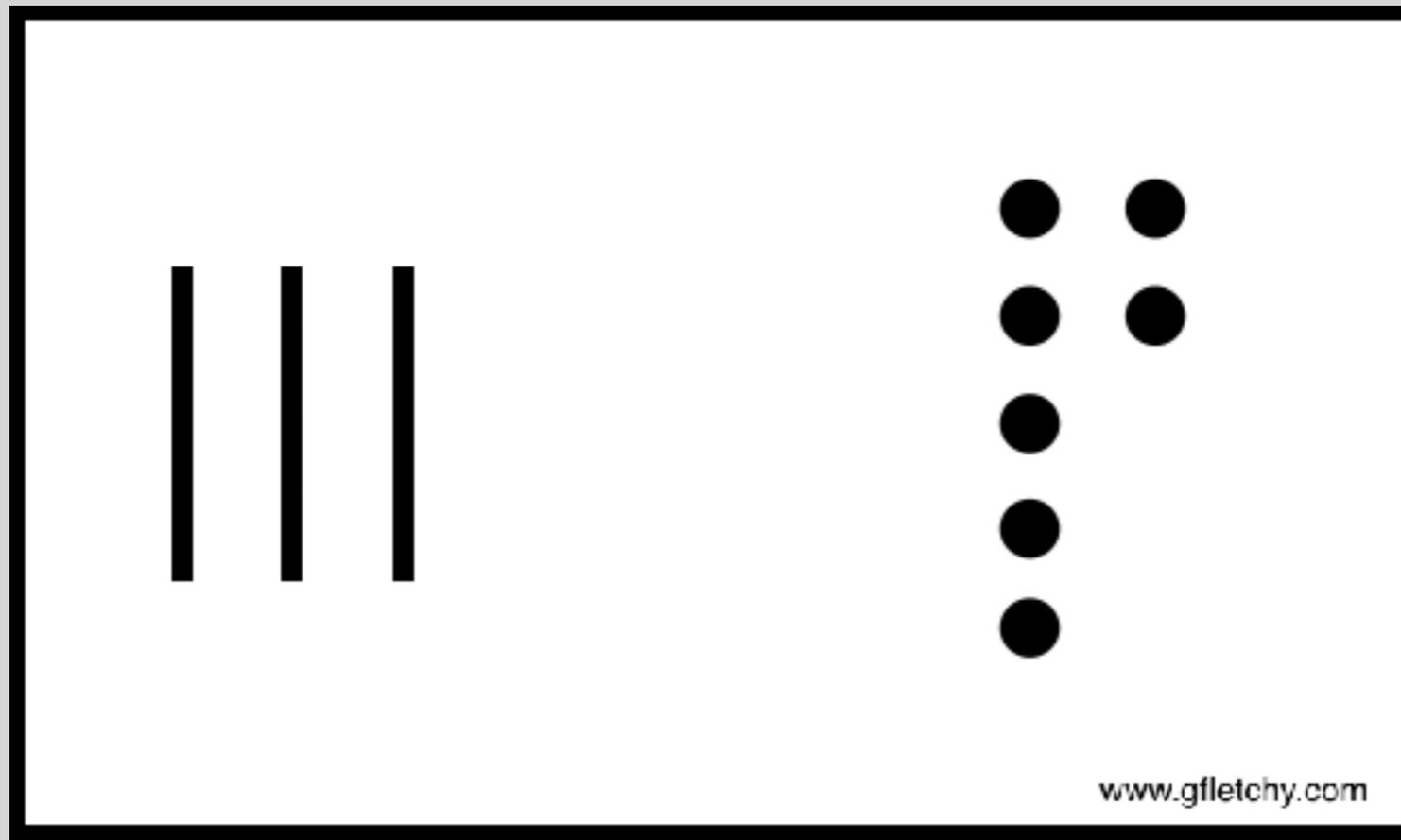
**Pick up
26 sticks**

**Pick up
8 sticks**

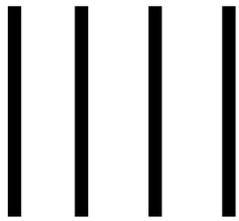
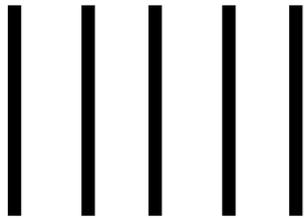
**Pick up
11 sticks**

**Pick up
19 sticks**

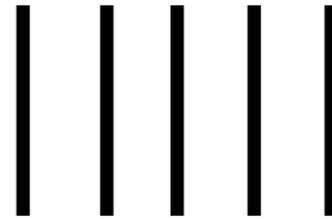
Base Ten Cards (20-120)



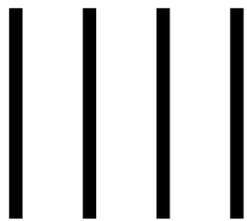
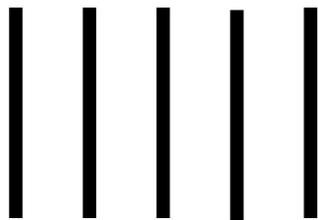
3 tens + 7 ones



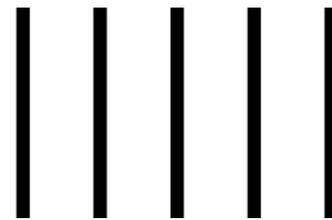
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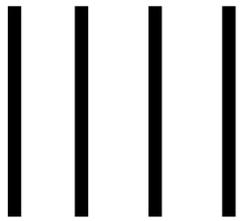
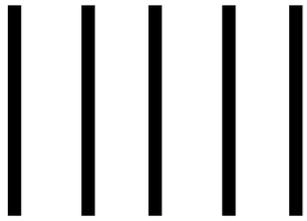
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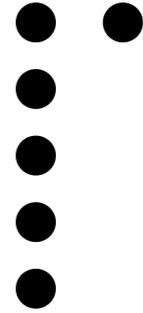
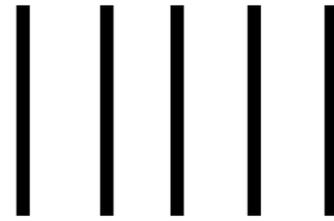
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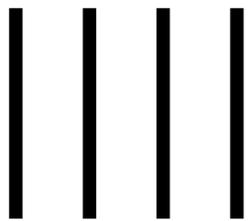
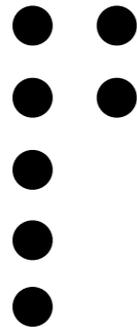
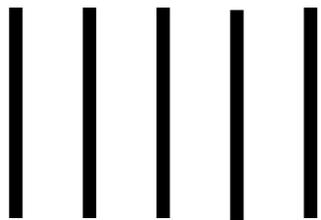
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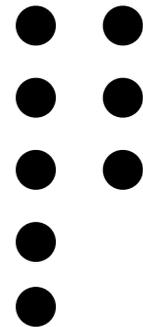
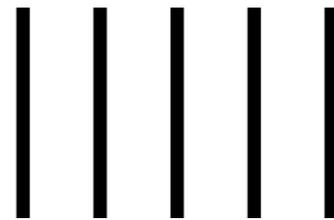
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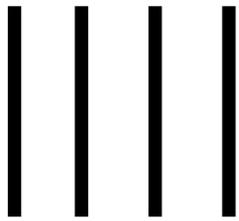
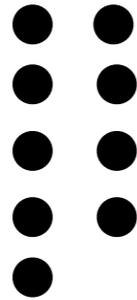
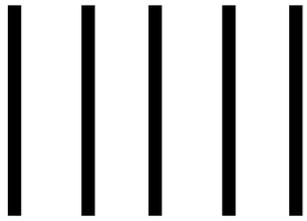
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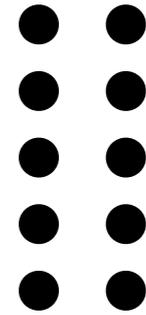
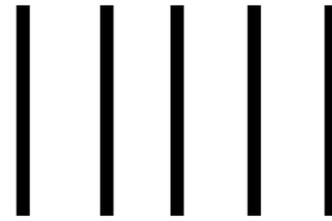
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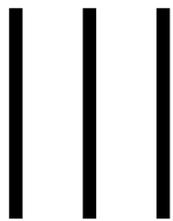
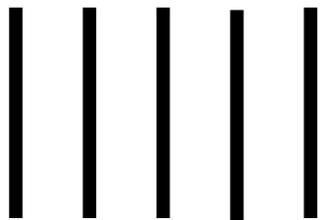
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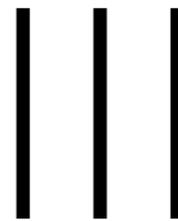
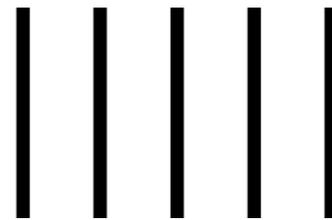
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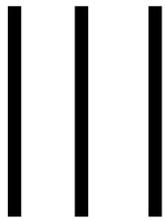
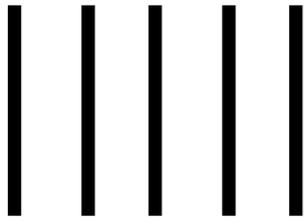
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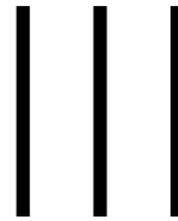
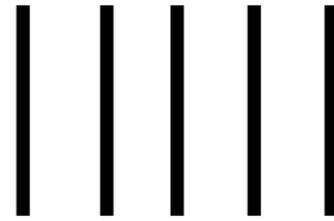
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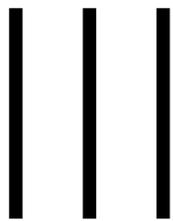
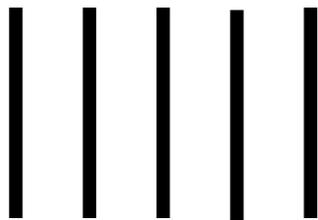
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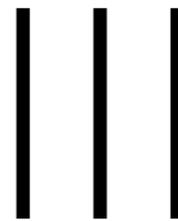
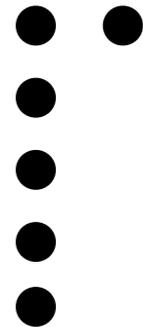
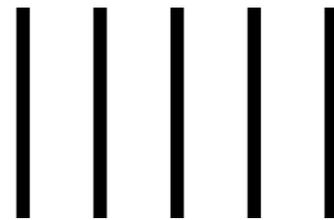
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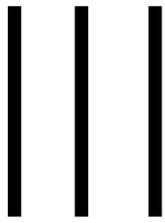
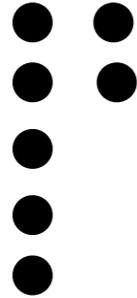
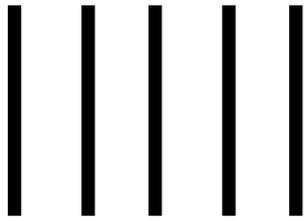
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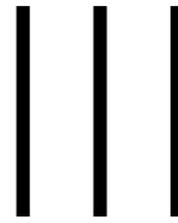
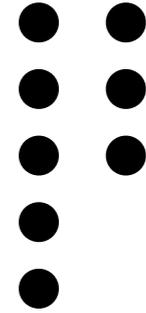
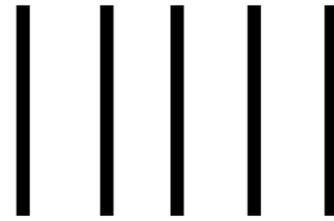
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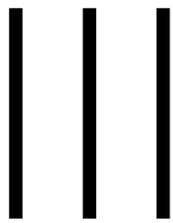
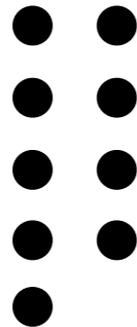
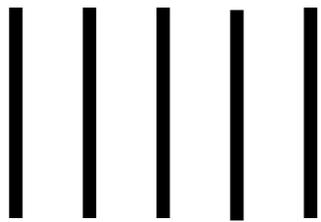
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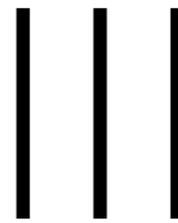
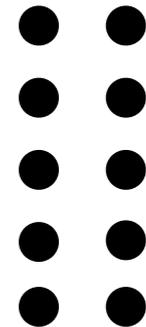
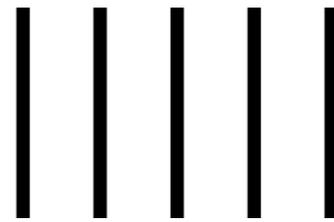
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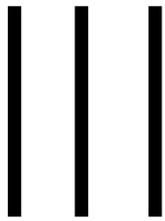
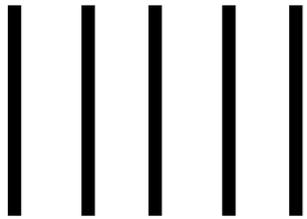
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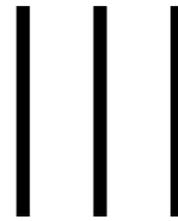
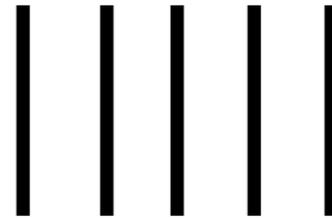
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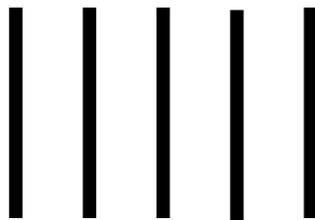
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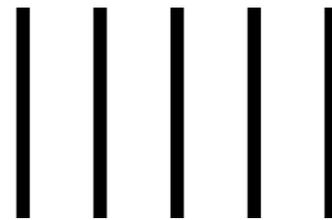
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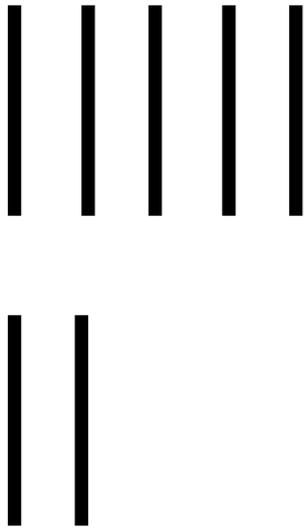
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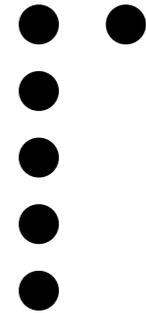
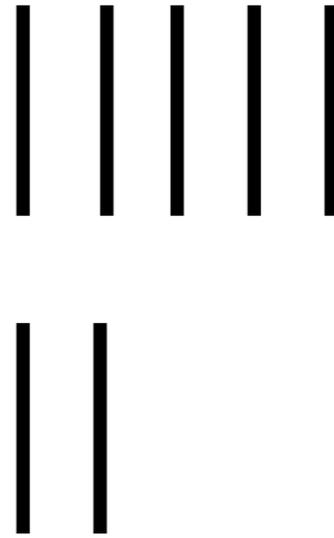
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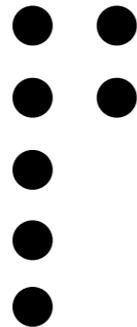
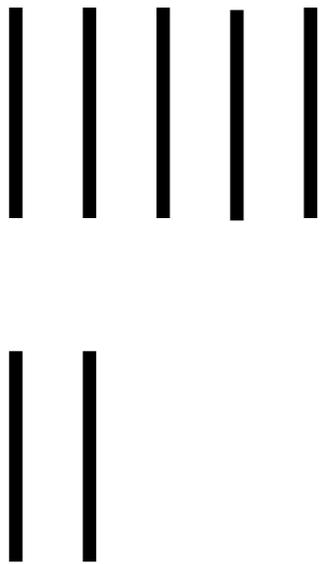
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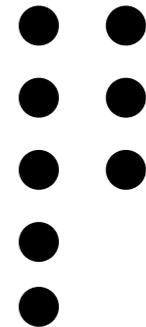
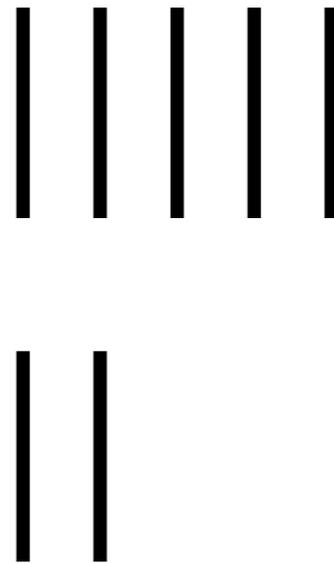
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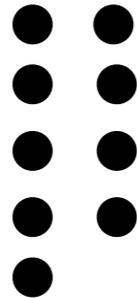
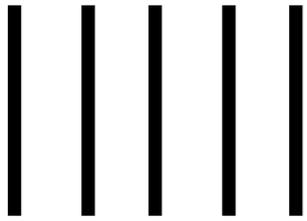
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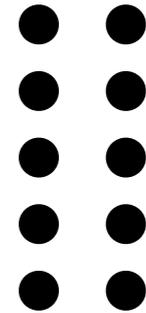
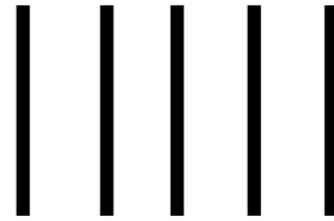
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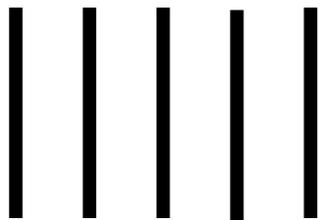
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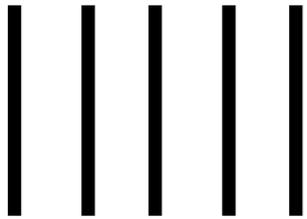
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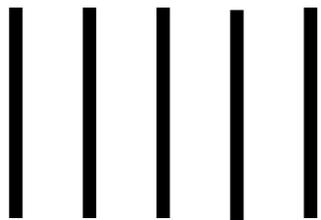
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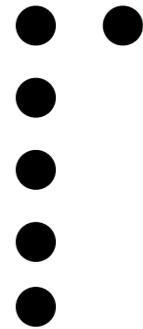
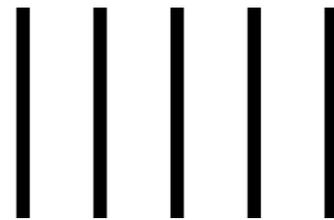
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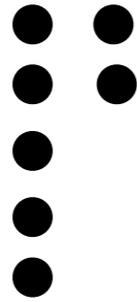
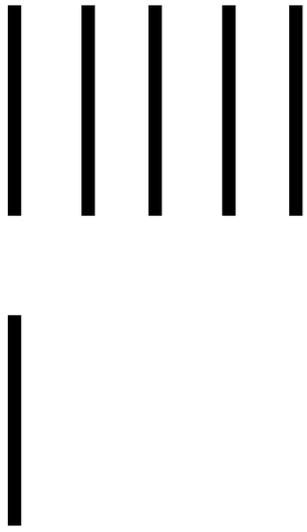
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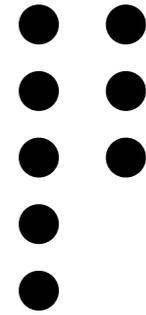
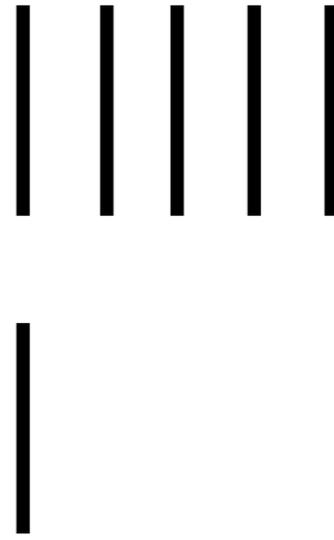
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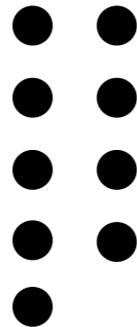
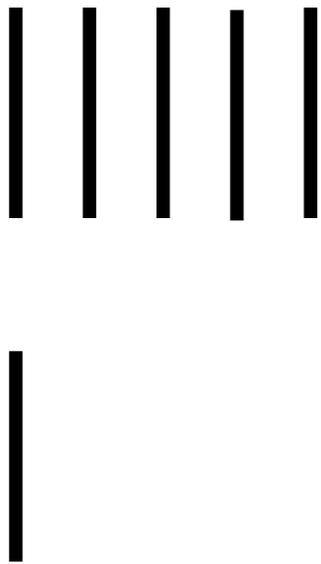
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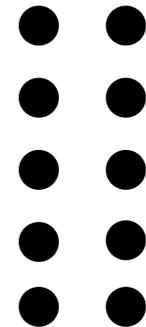
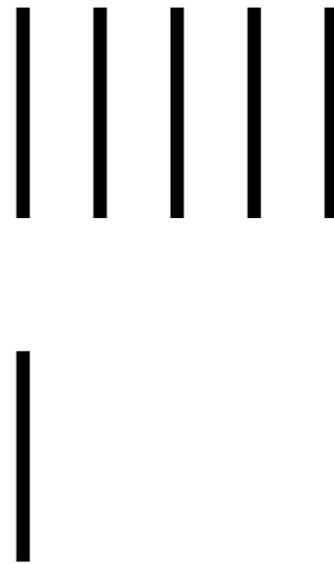
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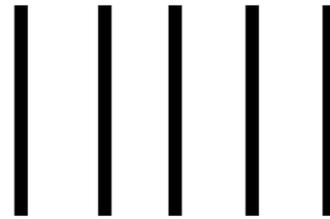
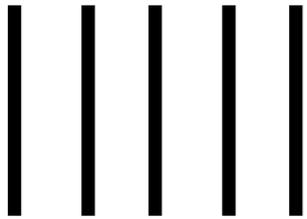
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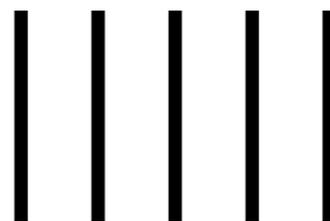
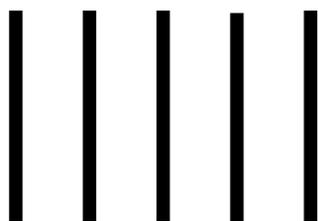


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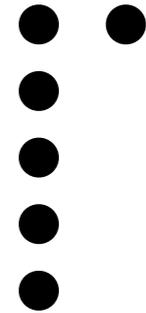
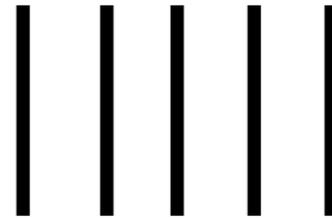
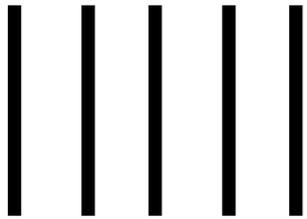
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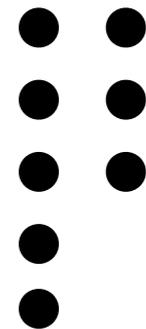
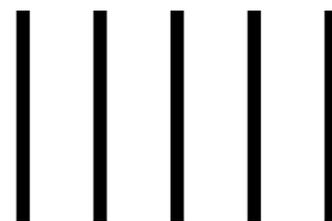
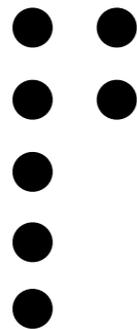
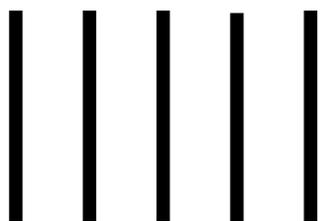
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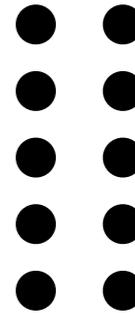
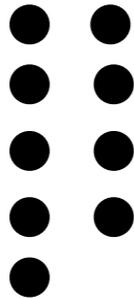
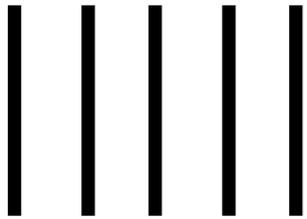
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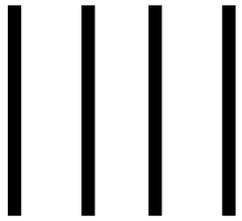
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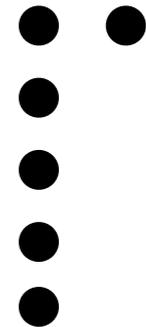
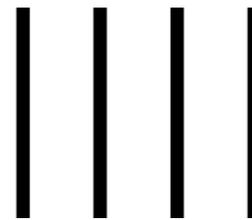
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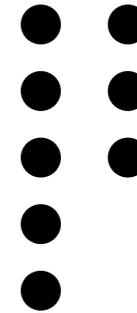
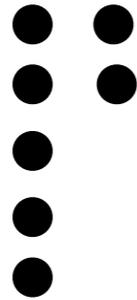
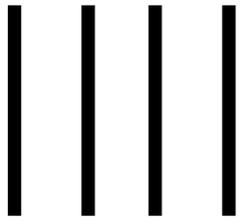
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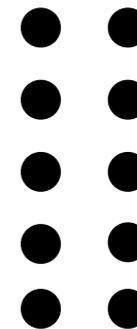
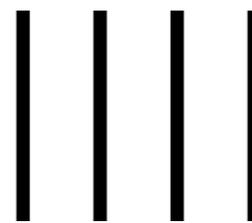
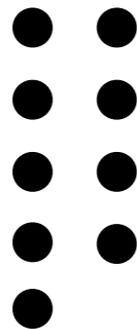
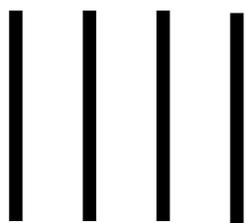
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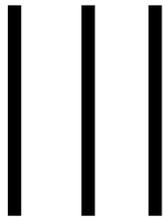
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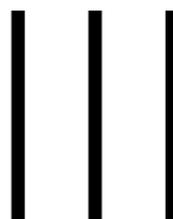
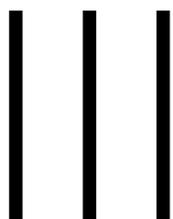
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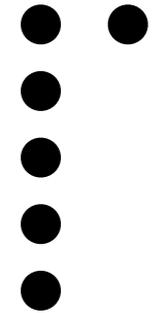
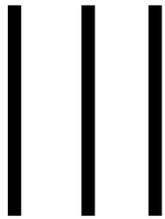
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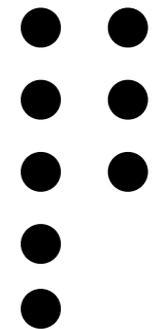
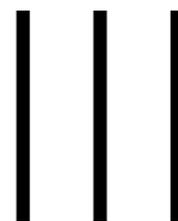
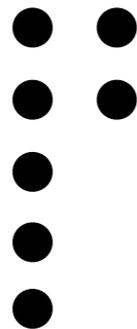
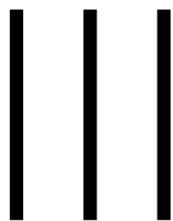
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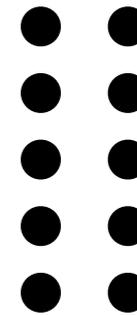
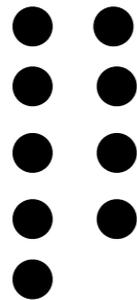
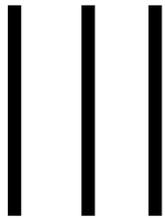
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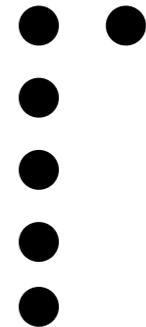
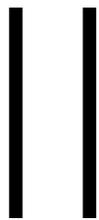
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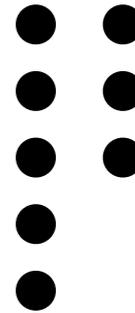
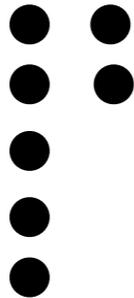
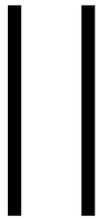
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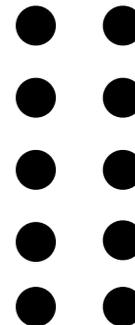
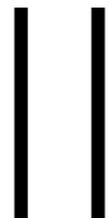
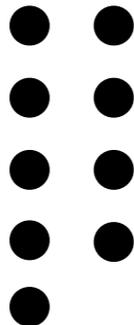
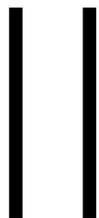
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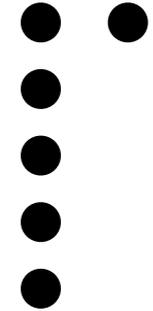
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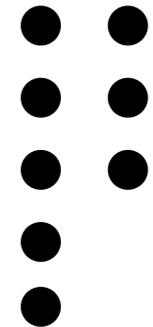
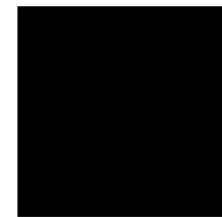
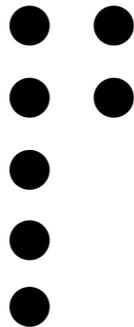
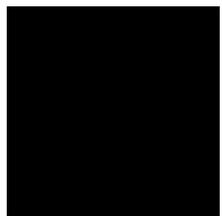
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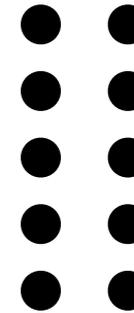
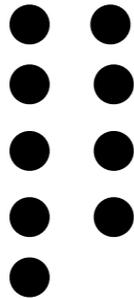
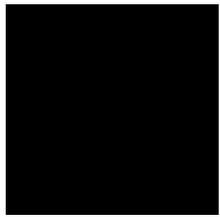
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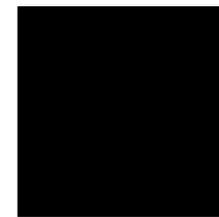
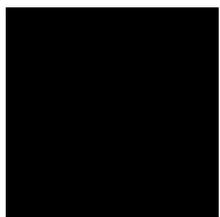
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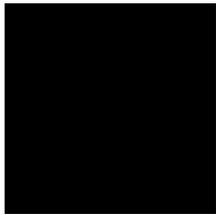
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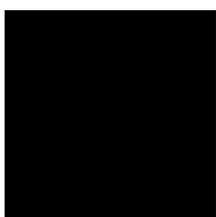
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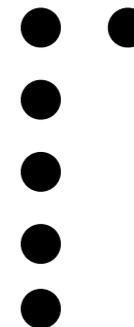
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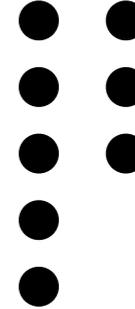
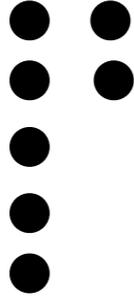
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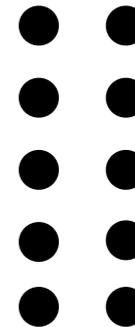
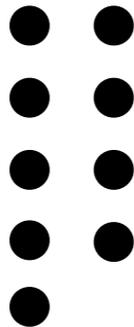
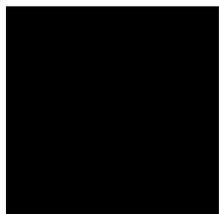


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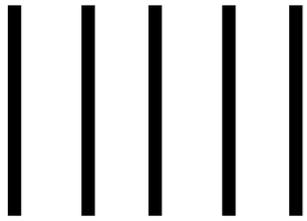
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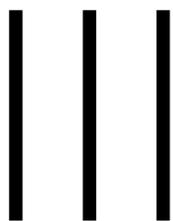
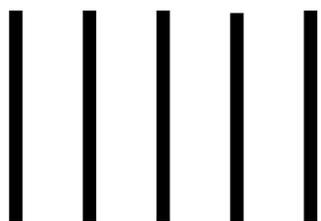
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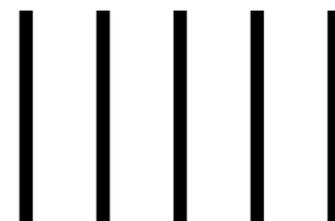
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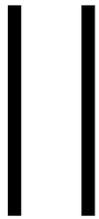
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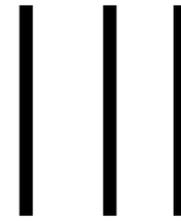
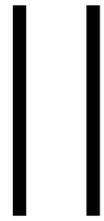
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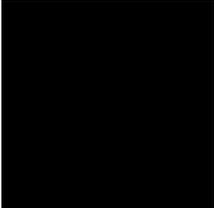
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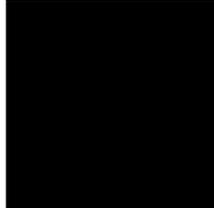


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